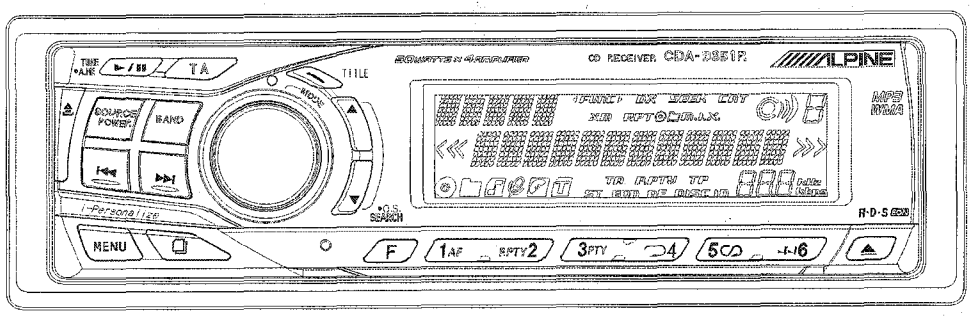
ALPINE

SERVICE MANUAL

RDS MP3/WMA CD Receiver

MP3 Plays Windows Media™ COMPACT disc DIGITAL AUDIO TEXT



1 / 05-A
68E37836S01

CDA-9851R

<Cautions for Safe Repair Work>

The following cautions will prevent accidents in the workplace and will ensure safe products.
*The symbols indicate caution is needed to prevent injuries and damage to property.
The symbols and their meanings follow.

Warning	If you ignore this symbol and handle the product incorrectly or unsafely, serious injury or death may result.
Caution	If you ignore this symbol and handle the product incorrectly or unsafely, injury or only material damage may result.

*The following symbols indicate two levels of cautions.

	When you see this symbol, you have to be very careful.
	When you see this symbol, you have to follow the instructions there.

Warning

Do not look squarely into the laser light coming from the pickup. You may loose you sight.	**Fuse Caution** Always use a designated fuse. Use of an incorrect fuse may result in a fire.

Caution

Do not allow wiring to be caught in the screw/chassis. If wiring is caught in the screw/chassis, it may cause a short circuit, resulting in a fire.	**Battery Caution** Use the designated battery. Confirm the correct polarity and seat of the battery. An incorrect battery or an improperly connected or seated battery may result in a fire.
High Temperature Caution Touching the heat sink may cause severe burns.	**Designated Parts Caution** Look up the part list and ensure that only designated parts are used to prevent problems or accidents.
Reverse Power Supply Connections or Misconnections Caution Reverse power supply connections or misconnections may cause ignition problems and smoke may result.	**Wiring Caution** Ensure that the wiring is correct when rewiring to prevent problems with ignition/breakdown.
Soldering Caution Hot solder from solder splash may cause severe burns.	**Wear Gloves** Wear gloves to prevent electrical shocks or injury from the end face of the metal.

Contents

Packing Assembly Parts List	4
Packing Method View	4
Specifications	5, 6
Block Diagram	7
Parts Layout on P.W.Boards and Wiring Diagram	8 to 11
Schematic Diagram	12 to 17
Terminal Voltage of IC/TR	18 to 29
Description of IC Terminal	30 to 33
Exploded View (Cabinet)	34, 35
Exploded View (CD Deck Mechanism) (DP23S8DA)	36

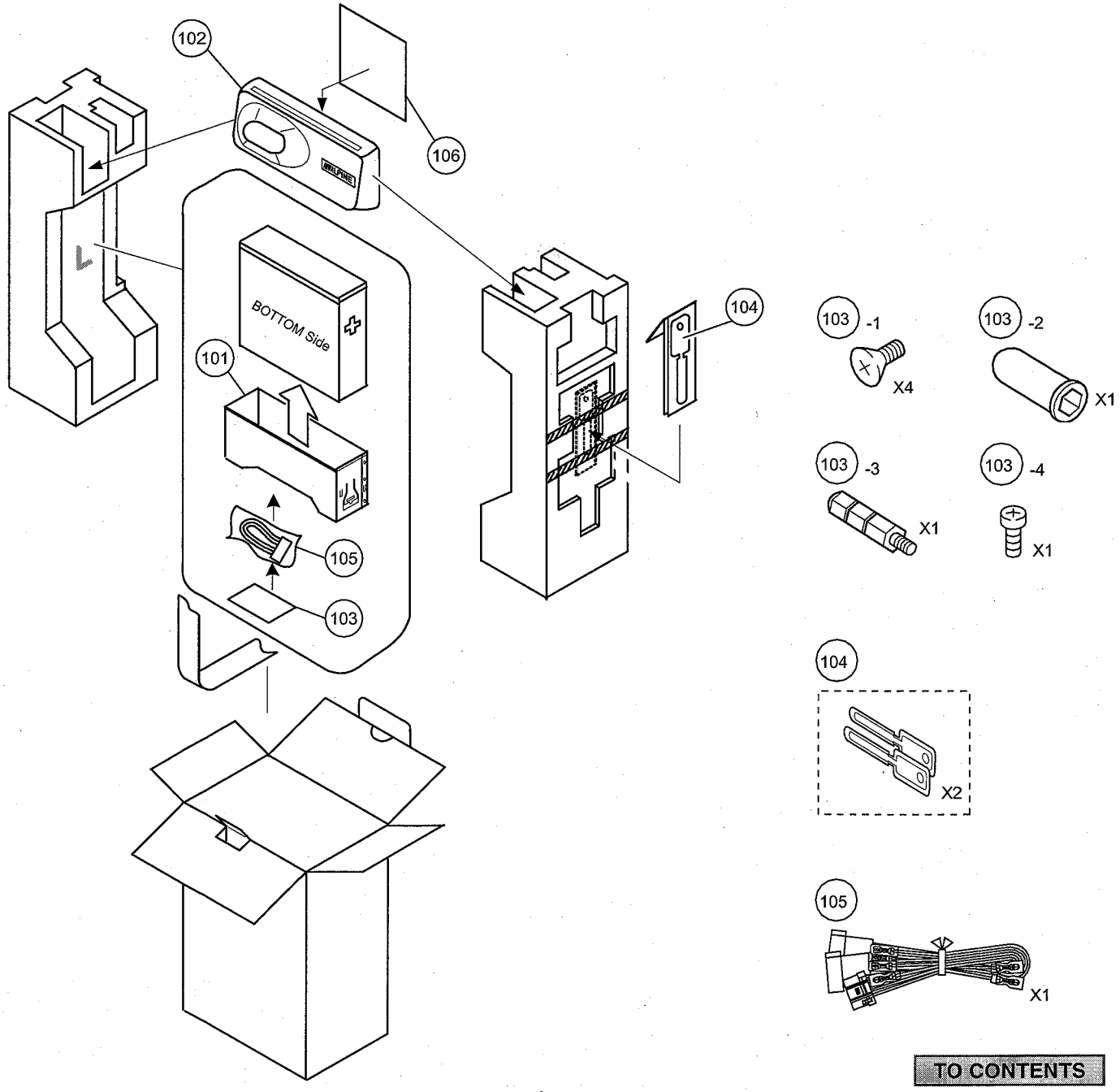
NOTE : Due to continuing product improvement, specifications and designs are subject to change without notice.

Packing Assembly Parts List

Symbol No.	Part No.	Description
101	15-01970Z01	CASE,INNER
102	15D01798K03	CARRYING,CASE
103-1	03S60820Y16	SCR,MCH 5X8 ZN A
103-2	36A02449K01	CAP,RUBBER(A)
103-3	03A60836Y01	SCR,CUS 5X7 ZN A

Symbol No.	Part No.	Description
103-4	03S60824Y01	SCR,WEV 1.7X4 ZN A
104	07-01964Z01	BKT,RELEASE
105	09-02252Z01	ASSY,ANIC-0007-01A
106	68-02278Z09	O/M AOEU AODL

Packing Method View



TO CONTENTS

Specifications

< FM RADIO >

Intermediate Frequency	10.7±0.1MHz
Frequency Range	87.5 to 108.0MHz
Usable Sensitivity (30dB S/N, Mono, at 98.1MHz)	20.2dBf
-3dB Limiting Sensitivity (at 98.1MHz)	20.2dBf
Residual Noise (Ref. 400Hz (narrow), at 98.1MHz)	25±10dB
S/N Ratio (at 98.1MHz)	Stereo : 50dB
	Mono : 55dB
Image Rejection (at 106.1MHz)	40dB
IF Rejection (at 90.1MHz)	60dB
Distortion (Input 60dBu, at 98.1MHz)	1.5%
Frequency Response (Ref. 400Hz, at 98.1MHz)	100Hz : 0±3dB
	10kHz : -10±3dB
Stereo Separation (1kHz, at 98.1MHz)	20dB
PS Sensitivity (at 98.1MHz)	36.2dBf

< MW RADIO >

Intermediate Frequency	1st : 10.7MHz
	2nd : 450kHz
Frequency Range	531 to 1,602kHz
Usable Sensitivity (20dB S/N, at 999kHz)	35dB
S/N Ratio (at 999kHz)	44dB
Image Rejection (at 1,404kHz)	2nd IF : 40dB
IF Rejection (at 603kHz)	2nd IF : 40dB
Distortion (at 999kHz)	1.5%
Frequency Response (Ref. 400Hz, at 999kHz)	100Hz : -3±4dB
	4kHz : -14±6dB

< LW RADIO >

Intermediate Frequency	1st : 10.7MHz
	2nd : 450kHz
Frequency Range	153 to 281kHz
Usable Sensitivity (20dB S/N, at 216kHz)	43dB
S/N Ratio (at 216kHz)	40dB
Image Rejection (at 270kHz)	2nd IF : 40dB
IF Rejection (at 162kHz)	2nd IF : 50dB
Distortion (at 216kHz)	1.5%
Frequency Response (Ref. 400Hz, at 216kHz)	100Hz : -3±4dB
	4kHz : -13±6dB

< CD SECTION >

System	Optical (Compact Disc System)
Channel Balance (1kHz)	CD : TCD-782 : 0±3dB
	MP3 : SCD-5100 (FOLDER4-128kbps) : 0±3dB
	WMA : SCD-5100 (FOLDER10-128kbps) : 0±3dB
Distortion (1kHz)	CD : TCD-782 : 0.3%
	MP3 : SCD-5100 (FOLDER4-128kbps) : 0.3%
	WMA : SCD-5100 (FOLDER10-128kbps) : 0.3%

TO CONTENTS

Frequency Response (Ref. 1kHz, 0dB) ..... CD : TCD-782 : 17Hz : 0±3dB
127Hz : 0±2dB
10.007kHz : 0±2dB
19.997kHz : -1±4dB
MP3 : SCD-5100 (FOLDER4-128kbps) : 17Hz : 0±3dB
127Hz : 0±2dB
10.007kHz : 0±2dB
19.997kHz : -1±4dB
WMA : SCD-5100 (FOLDER10-128kbps) : 17Hz : 0±3dB
127Hz : 0±2dB
10.007kHz : 0±2dB
19.997kHz : -1±4dB

S/N Ratio ..... CD : TCD-782 : 85dB
MP3 : SCD-5100 (FOLDER4-128kbps) : 85dB
WMA : SCD-5100 (FOLDER10-128kbps) : 85dB

Separation (1kHz) ..... CD : TCD-782 : 55dB
MP3 : SCD-5100 (FOLDER4-128kbps) : 55dB
WMA : SCD-5100 (FOLDER10-128kbps) : 55dB

De-Emphasis (Ref. 1kHz, 0dB) ..... CD : TCD-782 : 4kHz : -20±3dB
16kHz : -20±3dB

< CD Deck Mechanism >

Test Disc TCD-782

RF Waveform Amplitude ..... 1.2±0.5Vp-p

Quantity of Jitter ..... Less than 30nsec

Measurement Angle Range ..... Front and Rear : -15°~75°
Right and Left : ±45°

Laser Current ..... Initial value ±5mA
(The initial value of laser current is indicated on the Flexible Cable.)

< Pickup >

Wave Length 795nm

Laser Power ..... CLASS I

< GENERAL >

Power Supply DC14.4V

Power Output (TCD-782 (1kHz, 0dB), T.H.D. 10%) / Impedance ..... 17W / ch / 4 ohm

Pre Output (TCD-782 (1kHz, 0dB), T.H.D. 1%) / Impedance ..... 6 +3/-2dBV / ch / 10k ohm

Back Up Current 5mA

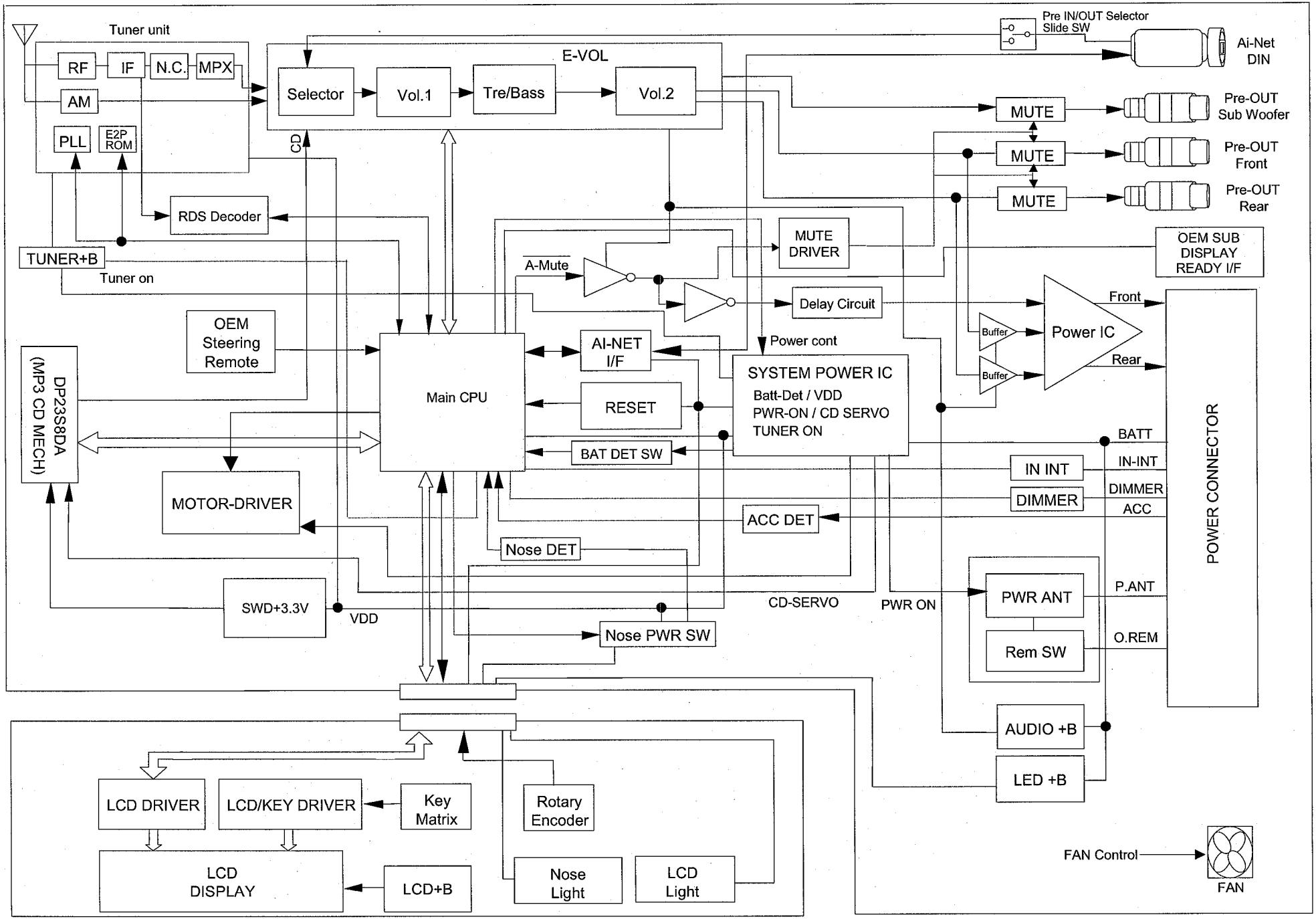
Dimensions (W x H x D) ..... Chassis : 178 x 50 x 160mm
Nose : 188 x 58 x 24.6mm

Weight 1.6kg

NOTE : Due to Continuing product improvement, specifications and designs are subject to change without notice.

TO CONTENTS

Block Diagram

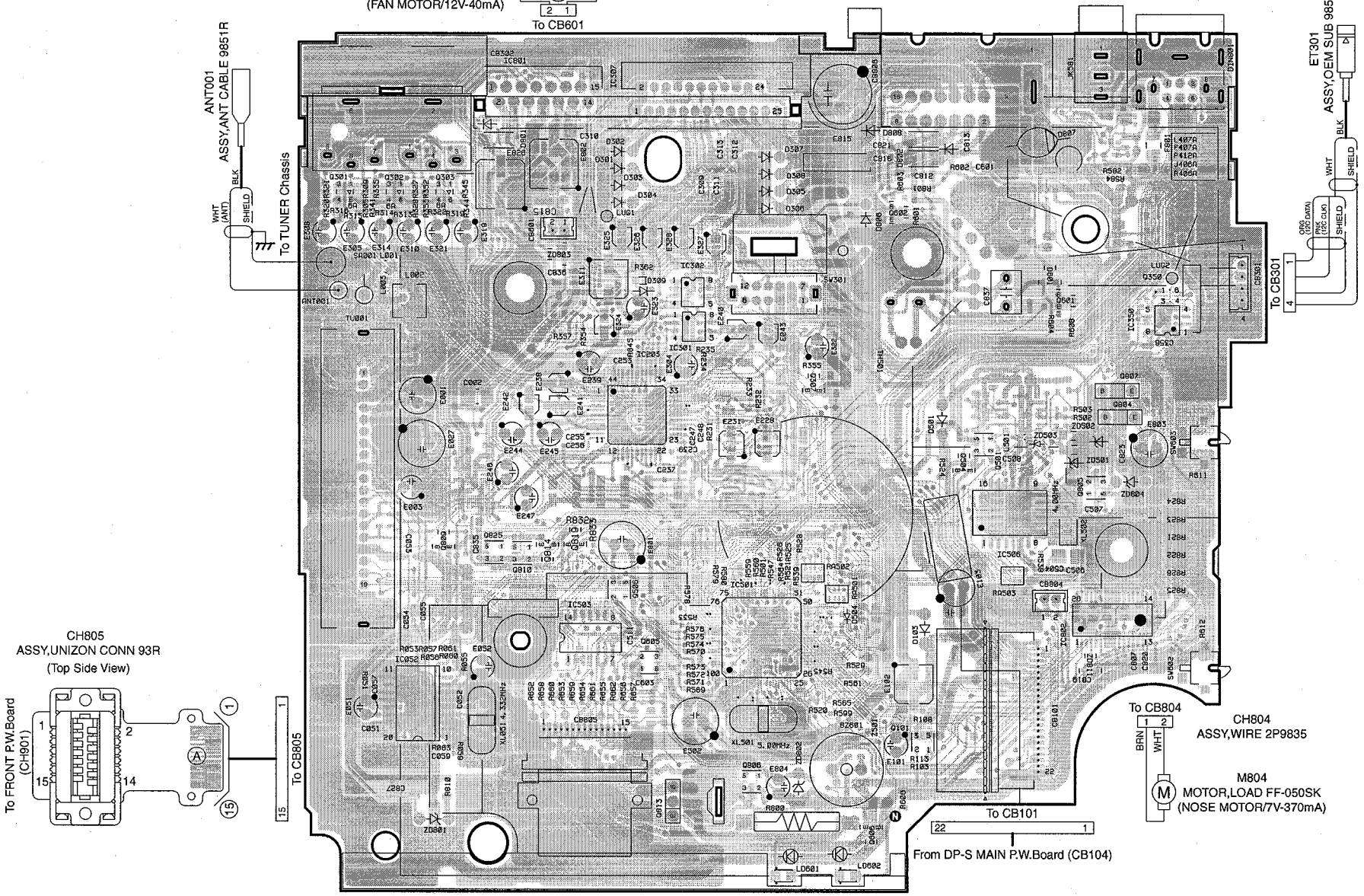


TO CONTENTS

Parts Layout on P.W.Boards and Wiring Diagram(1/4)

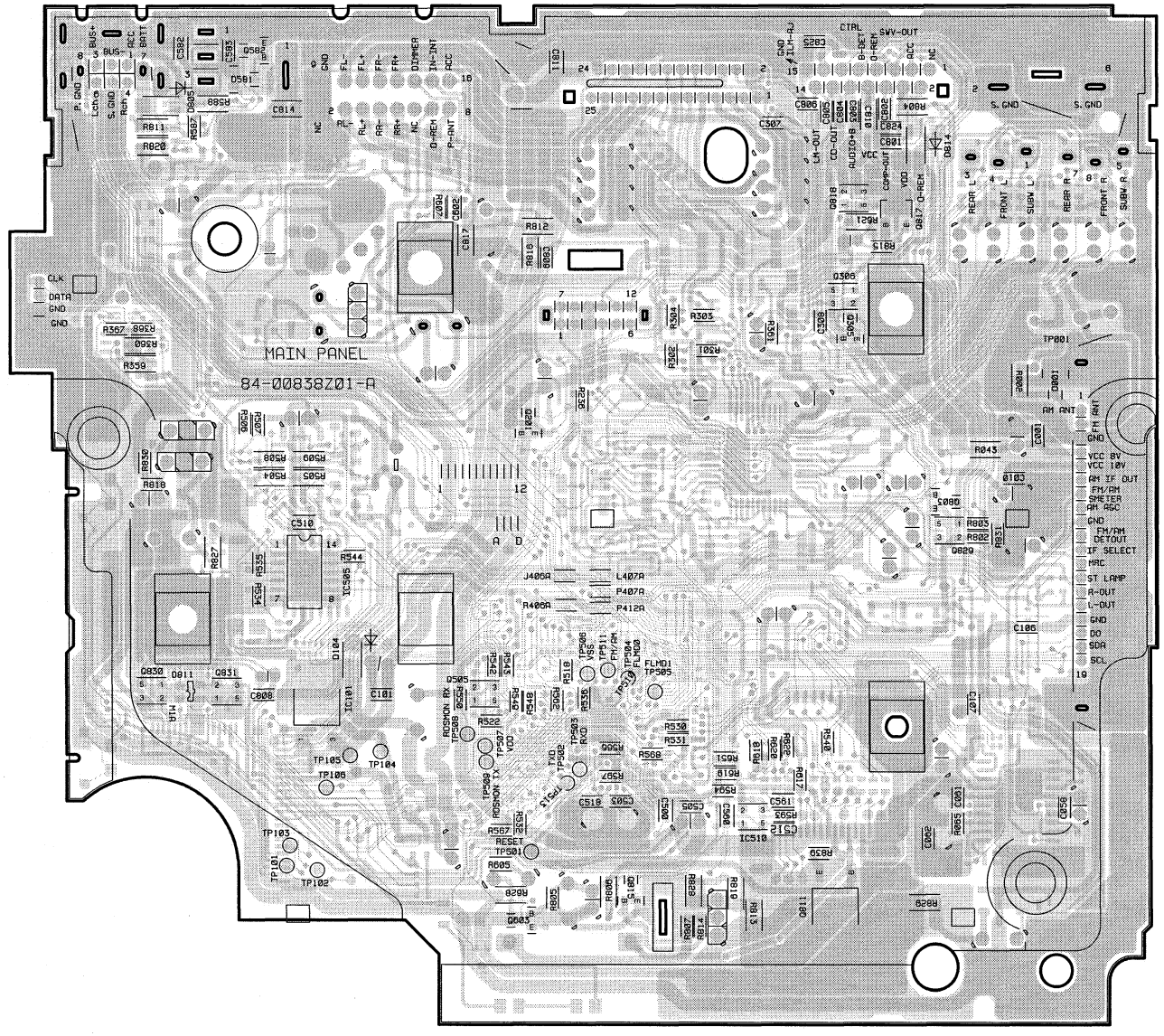
TO CONTENTS

MAIN P.W.Board
(Component Side View)



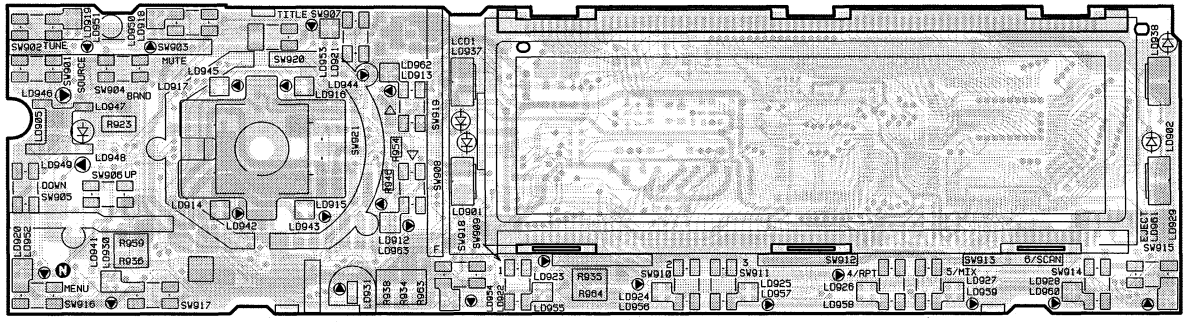
Orange Color Pattern:Component Side Pattern
Blue Color Pattern:Foil Side Pattern

MAIN P.W.Board (Foil Side View)

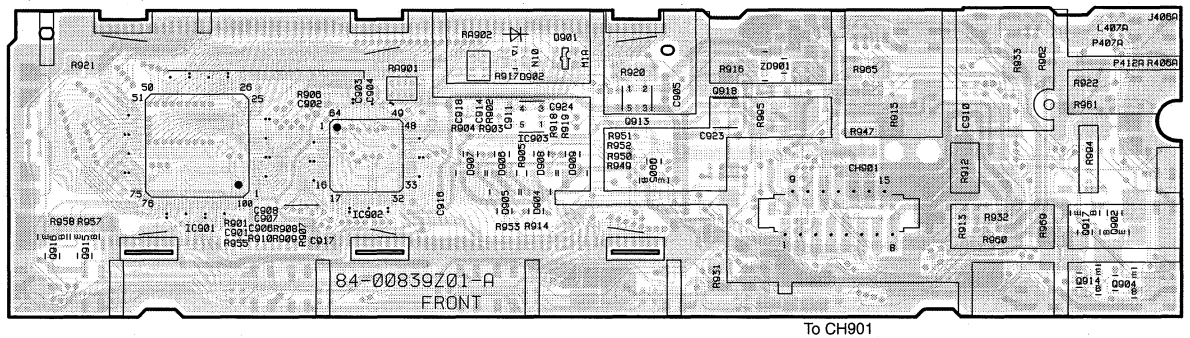


Orange Color Pattern:Component Side Pattern
Blue Color Pattern:Foil Side Pattern

FRONT P.W.Board
(Component Side View)



FRONT P.W.Board
(Foil Side View)

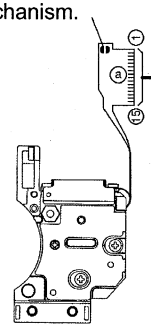


Orange Color Pattern:Component Side Pattern
Blue Color Pattern:Foil Side Pattern

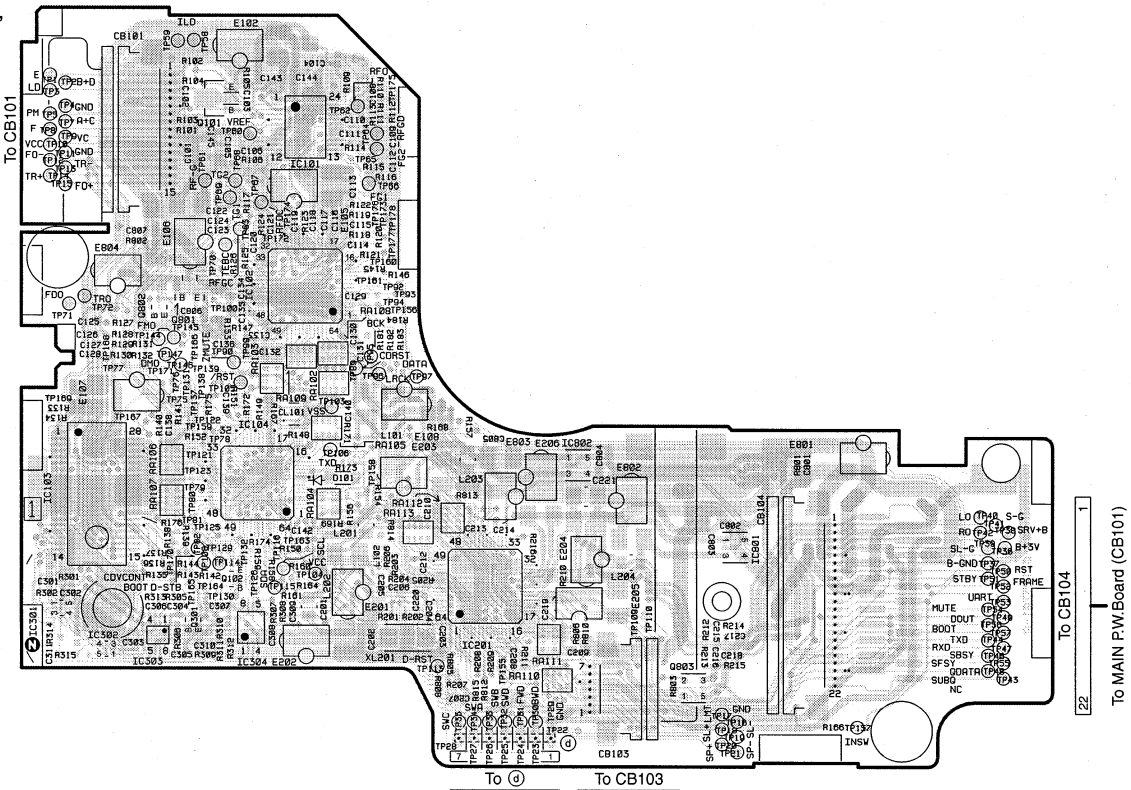
Parts Layout on P.W.Boards and Wiring Diagram(4/4)

DP-S MAIN P.W.Board (Foil Side View)

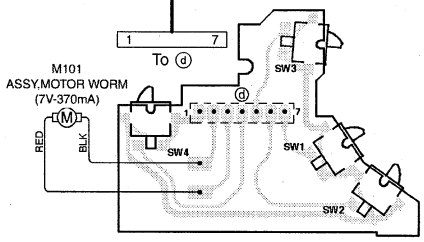
The patterns should be short-circuited, when the PICKUP is removed from DP-S Mechanism.



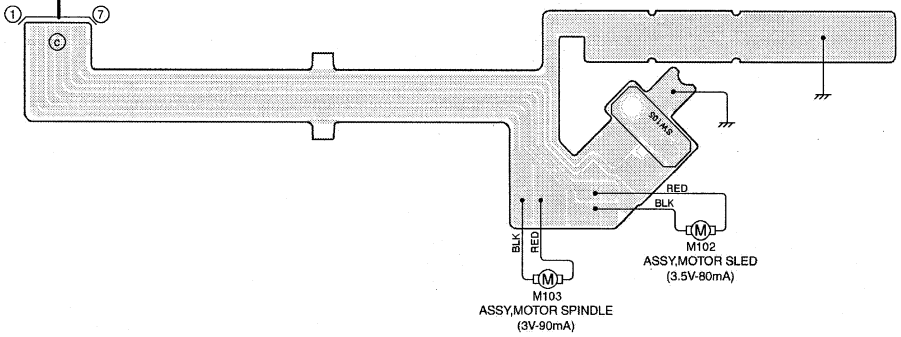
HD101
PICKUP,EP21A67T



DP-S Switch P.W.Board (Foil Side View)



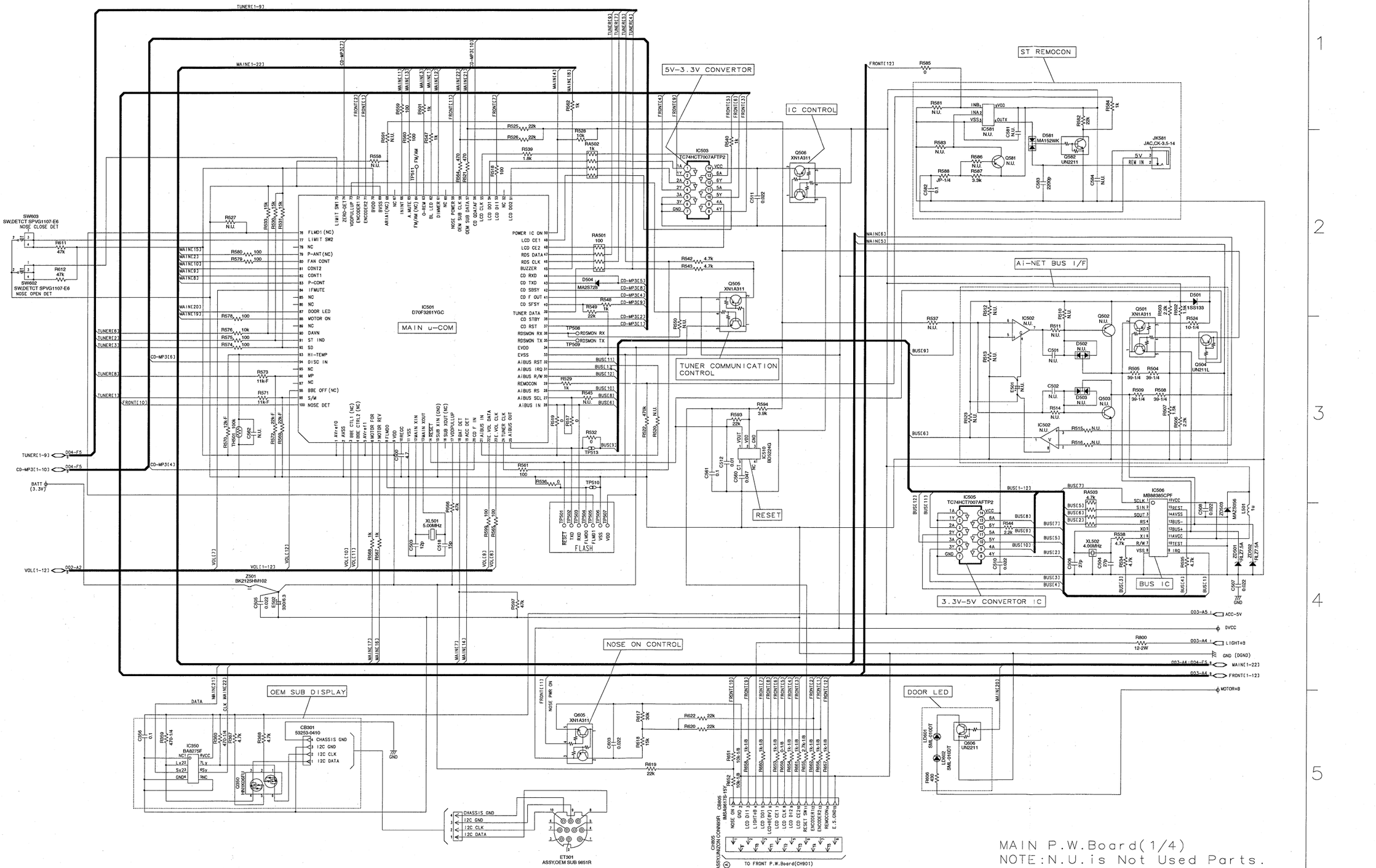
FPC,CONT P.W.Board (Foil Side View)



Orange Color Pattern:Component Side Pattern
Blue Color Pattern:Foil Side Pattern

Schematic Diagram(1/6)

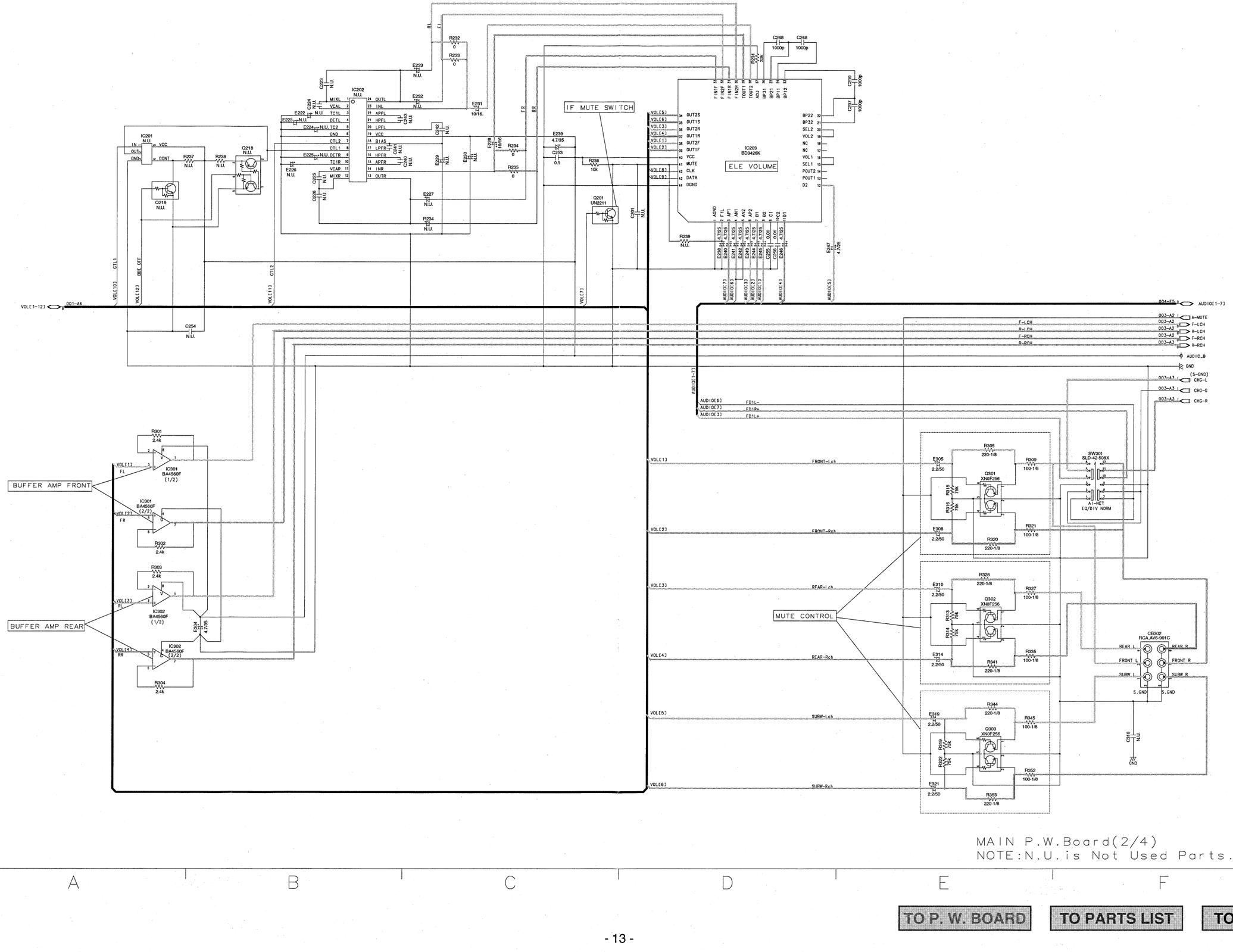
CDA-9851R



TO P. W. BOARD | TO PARTS LIST | TO CONTENTS

Schematic Diagram(2/6)

CDA-9851R

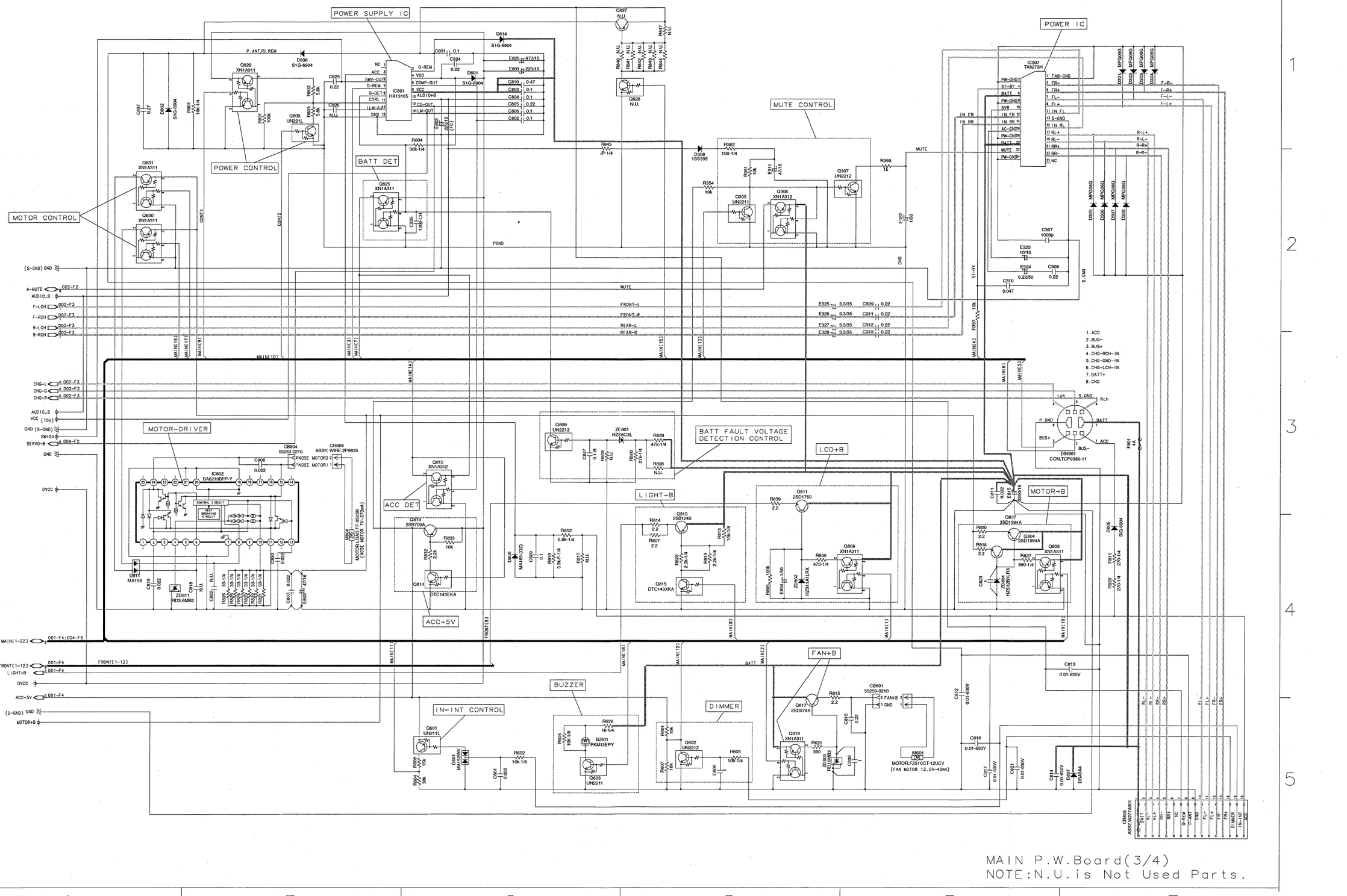


MAIN P.W.Board(2/4)
NOTE:N.U.is Not Used Parts.

TO P. W. BOARD | TO PARTS LIST | TO CONTENTS

Schematic Diagram(3/6)

CDA-9851R

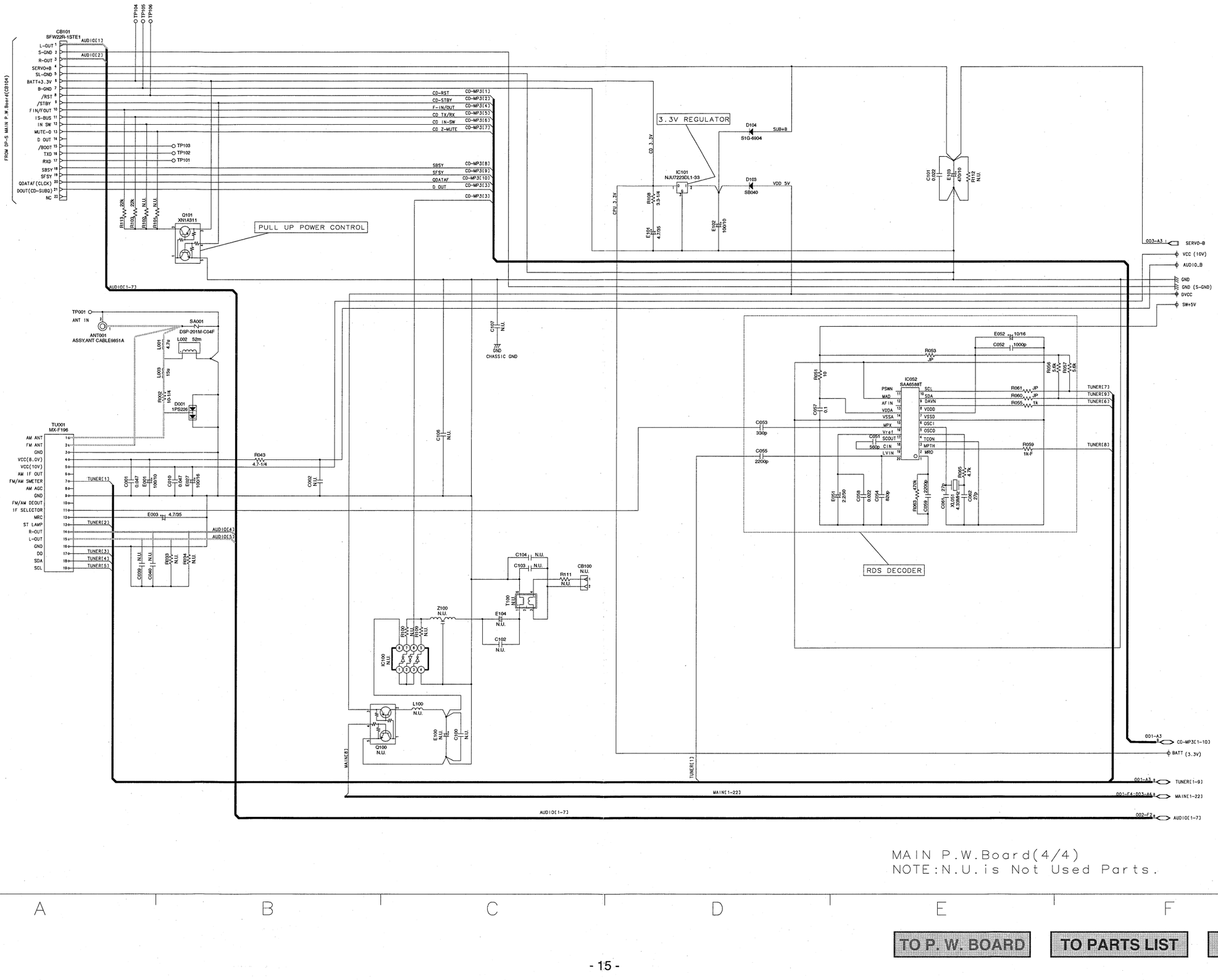


MAIN P.W.Board(3/4)
NOTE:N.U.is Not Used Parts.

TO P. W. BOARD | TO PARTS LIST | TO CONTENTS

Schematic Diagram(4/6)

CDA-9851R



TO P. W. BOARD
TO PARTS LIST
TO CONTENTS

Schematic Diagram(5/6)

CDA-9851R

TO P. W. BOARD | TO PARTS LIST | TO CONTENTS

Schematic Diagram(6/6)

CDA-9851R

THE TRANSISTOR FOR KEEPING LASER POWER CONSTANT

AVOIDING A DEFFCT

SWITCHING IC

MULTIVIBRATOR

AND GATE

TE SIGNAL LPF

MOTOR DRIVER

THE TRANSISTOR FOR AVOIDING A DIFFECT

THE TRANSISTOR FOR CONTROLLING A VDD(3.3V)

THE TRANSISTOR FOR CONTROLLING A STBY

3.3V-2.5V REGULATOR

RF AMP

SERVO DSP

u-COM

MP3/WMA DECODER

FLASH

DP-S MAIN P.W.Boagrd

NOTE:N.U.is Not Used Parts.

TO P. W. BOARD | TO PARTS LIST | TO CONTENTS

Terminal Voltage of IC/TR

IC052								
No.	Voltage	Note	No.	Voltage	Note	No.	Voltage	Note
1	0.3		8	5.09		15	0	
2	0.3		9	PS		16	0	
3	0		10	PS		17	2.51	
4	PS		11	NC		18	2.53	
5	PS		12	0		19	2.48	
6	0		13	NC		20	2.51	
7	5.1		14	5.01				

IC101		
No.	Voltage	Note
1	3.29	
2	4.71	
3	0	

IC203								
No.	Voltage	Note	No.	Voltage	Note	No.	Voltage	Note
1	0		16	4.3		31	PS	
2	PS		17	PS		32	PS	
3	PS		18	PS		33	PS	
4	PS		19	4.3		34	PS	
5	PS		20	4.3		35	PS	
6	PS		21	4.3		36	PS	
7	PS		22	4.3		37	PS	
8	PS		23	4.3		38	PS	
9	4.26		24	4.3		39	PS	
10	4.26		25	4.3		40	8.6	VCC
11	PS		26	4.3		41	8.6/0	MUTE OFF/ON
12	PS		27	0.7		42	PS	
13	PS		28	PS		43	PS	
14	PS		29	PS		44	0	
15	4.3		30	PS				

IC301		
No.	Voltage	Note
1	PS	
2	PS	
3	PS	
4	0	
5	PS	
6	PS	
7	PS	
8	8.6	

IC302		
No.	Voltage	Note
1	PS	
2	PS	
3	PS	
4	0	
5	PS	
6	PS	
7	PS	
8	8.6	

TO SCHEMATIC TO CONTENTS

IC307

No.	Voltage	Note	No.	Voltage	Note	No.	Voltage	Note
1	0		10	8.7		19	PS	
2	0		11	PS		20	13.37	
3	PS		12	PS		21	PS	
4	4.84/0	PWR IC ON/OFF	13	PS		22	4.06/0	MUTE OFF/ON
5	PS		14	PS		23	PS	
6	14.37		15	PS		24	0	
7	PS		16	1.33		25	NC	
8	0		17	PS				
9	PS		18	0				

IC350

No.	Voltage	Note	No.	Voltage	Note	No.	Voltage	Note
1	NC		4	0		7	4.88	
2	4.88		5	NC		8	5.01	
3	PS		6	PS				

IC501

No.	Voltage	Note	No.	Voltage	Note	No.	Voltage	Note
1	3.28		35	PS		69	0	
2	0		36	PS		70	3.28	
3	NC		37	3.28/0	Normal/CD RST	71	PS	
4	NC		38	3.24/0	Normal/CD STB	72	PS	
5	3.28		39	PS		73	3.27	
6	0/3.27	Others/MOTOR FOR	40	PS		74	3.24/0	ZERO DET
7	0/3.27	Other/MOTOR REV	41	PS		75	3.26/0	LIMIT SW1
8	0		42	PS		76	0	
9	3.28		43	PS		77	3.26/0	LIMIT SW2
10	2.55		44	PS		78	NC	
11	0		45	PS		79	3.27	P-ANT
12	PS		46	PS		80	3.27/0	FAN CONT ON/OFF
13	PS		47	PS		81	3.27	CONT2
14	3.28		48	PS		82	3.27	CONT1
15	NC		49	PS		83	3.27/0	P-CONT
16	NC		50	4.88/0	P-IC ON/OFF	84	3.27/0	IFMUTE ON/OFF
17	3.26		51	PS		85	NC	
18	4.97		52	NC		86	NC	
19	4.93		53	PS		87	3.27/0	DOOR LED
20	PS		54	PS		88	NC	
21	PS		55	PS		89	NC	
22	PS		56	PS		90	PS	
23	PS		57	PS		91	PS	
24	PS		58	PS		92	2.79	SD
25	PS		59	3.27		93	3.24/0	ST IND ON/OFF
26	PS		60	NC		94	PS	
27	PS		61	3.14/0	DIMMER ON/OFF	95	NC	
28	PS		62	3.27	BL LED	96	PS	
29	4.65		63	3.28/0		97	NC	
30	PS		64	NC		98	0	
31	PS		65	3.27/0		99	PS	
32	3.28/0	/AiBUS RST	66	0/3.24		100	1.64/3.27	NOSE DET
33	PS		67	NC				
34	3.28		68	0				

TO SCHEMAT TO CONTENTS

IC503

No.	Voltage	Note	No.	Voltage	Note	No.	Voltage	Note
1	PS		6	0		11	PS	
2	PS		7	0		12	PS	
3	PS		8	PS		13	PS	
4	PS		9	PS		14	5	
5	0		10	PS				

IC505

No.	Voltage	Note	No.	Voltage	Note	No.	Voltage	Note
1	0		6	PS		11	PS	
2	0		7	0		12	PS	
3	3.28		8	PS		13	PS	
4	4.9		9	PS		14	4.9	
5	PS		10	PS				

IC506

No.	Voltage	Note	No.	Voltage	Note	No.	Voltage	Note
1	PS		7	PS		13	PS	
2	PS		8	0		14	0	
3	PS		9	4.9/0		15	4.91/0	/RESET
4	PS		10	0		16	4.91	
5	PS		11	4.91				
6	PS		12	PS				

IC510

No.	Voltage	Note	No.	Voltage	Note
1	3.28		4	NC	
2	3.28		5	1.78	
3	0				

IC801

No.	Voltage	Note	No.	Voltage	Note	No.	Voltage	Note
1	NC		6	5.18		11	2.37/4.54	TUNER/CD
2	13.73		7	3.24		12	0/7.12	TUNER/CD
3	4.35		8	14.4		13	0	
4	5.75		9	PS		14	10.26	
5	5.07		10	8.6		15	0	

IC802

No.	Voltage	Note	No.	Voltage	Note	No.	Voltage	Note
1	NC		10	12.31		19	0	
2	0		11	12.31		20	0	
3	NC		12	NC		21	0	
4	0/3.04	/SWING	13	0		22	NC	
5	NC		14	NC		23	NC	
6	0/11.57	/OPEN	15	0/4	/CLOSE	24	0/3.98	/OPEN
7	0		16	NC		25	NC	
8	0/11.58	/CLOSE	17	NC				
9	NC		18	NC				

TO SCHEMATIC TO CONTENTS

IC901								
No.	Voltage	Note	No.	Voltage	Note	No.	Voltage	Note
1	PS		35	PS		69	PS	
2	PS		36	PS		70	PS	
3	PS		37	PS		71	PS	
4	PS		38	PS		72	PS	
5	PS		39	PS		73	PS	
6	PS		40	PS		74	PS	
7	PS		41	PS		75	PS	
8	PS		42	PS		76	PS	
9	PS		43	PS		77	PS	
10	PS		44	PS		78	PS	
11	PS		45	PS		79	PS	
12	PS		46	PS		80	PS	
13	PS		47	PS		81	PS	
14	PS		48	PS		82	PS	
15	PS		49	PS		83	PS	
16	PS		50	PS		84	5.08/0	AMB/GRN
17	PS		51	PS		85	0/4.98	AMB/GRN
18	PS		52	PS		86	5/0	AMB/GRN
19	PS		53	PS		87	0/5	AMB/GRN
20	PS		54	PS		88	4.98	
21	PS		55	PS		89	9.18	
22	PS		56	PS		90	7.31	
23	PS		57	PS		91	5.78	
24	PS		58	PS		92	4.25	
25	PS		59	PS		93	2.729	
26	PS		60	PS		94	1.195	
27	PS		61	PS		95	0	
28	PS		62	PS		96	PS	
29	PS		63	PS		97	PS	
30	PS		64	PS		98	PS	
31	PS		65	PS		99	PS	
32	PS		66	PS		100	PS	
33	PS		67	PS				
34	PS		68	PS				

TO SCHEMATIC TO CONTENTS

IC902

No.	Voltage	Note	No.	Voltage	Note	No.	Voltage	Note
1	5/0	GRN/AMB	23	PS		45	4.98	
2	4.89		24	PS		46	4.98	
3	NC		25	PS		47	4.98	
4	4.89		26	PS		48	4.98	
5	PS		27	PS		49	NC	
6	PS		28	NC		50	0	
7	PS		29	NC		51	0	
8	PS		30	NC		52	0	
9	PS		31	NC		53	0	
10	PS		32	NC		54	NC	
11	PS		33	NC		55	0	
12	PS		34	NC		56	4.96	
13	PS		35	NC		57	3.31	
14	PS		36	NC		58	1.66	
15	PS		37	NC		59	0	
16	PS		38	NC		60	PS	
17	PS		39	NC		61	4.97	
18	PS		40	NC		62	PS	
19	PS		41	PS		63	PS	
20	PS		42	PS		64	PS	
21	PS		43	PS				
22	PS		44	4.9				

IC903

No.	Voltage	Note	No.	Voltage	Note
1	4.96		4	0	
2	4.96		5	0	
3	0				

TO SCHEMATIC TO CONTENTS

Ref.	E	C	B	Note
Q201	0	8.537	0	IF MUTE
Q305	0	0	0/3.26	
Q307	0/0	0/4.0	4.56/0	
Q504	3.303	0	3.3	
Q582	PS	PS	PS	
Q601	4.956/0	4.956/0	3.06/4.95	InInt/open
Q602	0/0	3.18/0	0/14.4	Dimmer open/batt
Q603	PS	PS	PS	
Q606	0/0	9.517/0	0/3.29	Door LED
Q803	0/0	0/4.583	3.272/0	tuner/CD
Q804	12.24	14.4	12.88	
Q807	12.32	14.4	12.88	
Q809	0	1.866	0	
Q811	9.99	14.38	9.39	
Q813	14.37	14.34	13.68	
Q814	0	0.02	4.928	ACC+5
Q815	0	0.057	3.287	LIGHT+B
Q817	0/10.17	14.37/14.37	0/9.56	FAN OFF/ON
Q819	4.982	4.943	4.218	
Q902	0	9.7/0.1	0/0.701	AMB/GRN
Q904	0	10.24/0.1	0/5.0	AMB/GRN
Q905	0	0.1	4.9	
Q914	0	10.6/0.1	0/5.02	AMB/GRN
Q915	0	0.1/9.24	0.7/0	AMB/GRN
Q916	0	8.74/0.1	0/0.7	AMB/GRN
Q917	0	1.57/0.1	0/4.6	DIMMER ON/OFF

Ref.	1	2	3	4	5	Note
Q101	NC	0/3.299	3.309/3.305	0/3.259	0/0	
Q306	NC	14.259	0	0	14.33	MUTE
Q501	NC	4.994	0	0	5.003	
Q505	NC	4.996	5.003	3.295	0	
Q506	NC	4.989	4.997	4.938	0	
Q605	NC	4.984	4.996	3.296	0	NOSE PWR ON
Q805	NC	14.313	14.339	3.261	0	MOTOR+B
Q806	NC	14.404	14.421	3.040	0	LCD+B
Q810	NC	4.95	4.971	5.146	0	ACC DET
Q818	NC	14.286	0	0	14.311	FAN+B
Q825	NC	4.968	4.985	1.844	0	BATT DET
Q829	NC	4.989	5.004	3.291	0	
Q830	NC	12.202	0	0	12.224	
Q831	NC	12.2	0	0	12.222	
Q913	NC	8.83	9.14	4.99	0	
Q918	NC	9.11	9.13	5.08	0	

TO SCHEMATIC TO CONTENTS

Ref.	1	2	3	4	5	6	Note
Q301	0/PS	0	0/PS	6.3/-0.3	0	6.31/-0.3	A-MUTE ON/OFF
Q302	0/PS	0	0/PS	6.3/-0.3	0	6.31/-0.3	A-MUTE ON/OFF
Q303	0/PS	0	0/PS	6.3/-0.3	0	6.31/-0.3	A-MUTE ON/OFF
Q350	4.88	4.85	4.87	4.88	4.85	4.93	

[Measuring Conditions]

1.Power Supply Voltage : DC14.4V
2.Measuring Meter : Digital Multimeter
3.Measuring Point Reference : Between GND
4.Measuring Condition : See each page

TO SCHEMATIC TO CONTENTS

(CD Deck Mechanism)

IC101					
	CD-DA PLAY	MP3 PLAY		CD-DA PLAY	MP3 PLAY
1	3.32V	3.28V	13	3.30V	3.03V
2	-	-	14	1.64V	1.66V
3	-	-	15	1.62V	1.66V
4	1.66V	1.68V	16	1.62V	1.66V
5	1.70V	1.68V	17	2.62V	2.26V
6	0.26V	0.24V	18	1.68V	1.66V
7	2.54V	2.52V	19	1.36V	1.34V
8	2.04V	2.02V	20	0.30V	0.64V
9	1.70V	1.72V	21	2.48V	2.36V
10	1.64V	1.64V	22	1.32V	1.12V
11	1.60V	1.64V	23	0.08V	1.70V
12	2.54V	2.02V	24	0.14V	0.08V

IC102					
	CD-DA PLAY	MP3 PLAY		CD-DA PLAY	MP3 PLAY
1	1.56V	1.66V	33	1.68V	1.62V
2	1.72V	1.68V	34	1.68V	1.62V
3	0.09V	0.10V-2.34V H/L	35	1.68V	1.64V
4	1.72V	1.66V	36	0.20V-1.20V H/L	0.38V-1.24V H/L
5	0.08V	0.10V-3.28V H/L	37	1.68V-2.56V H/L	1.68V-2.54V H/L
6	3.24V	3.24V	38	2.04V	2.08V
7	0.08V	0.10V	39	3.28V	3.22V
8	0.08V-3.24V H/L	0.08V-3.24V H/L	40	1.60V	1.16V-1.66V H/L
9	0.00V	0.00V	41	1.76V	1.66V-2.10V H/L
10	3.28V	3.24V	42	0.08V	0.10V
11	0.09V	0.10V	43	3.28V	3.24V
12	0.00V	0.00V	44	0.08V	0.10V
13	3.28V	0.10V-3.24V H/L	45	0.08V	0.10V
14	3.28V	3.24V	46	1.68V	1.66V
15	3.28V	3.24V	47	1.68V	1.66V
16	1.68V	1.68V	48	3.28V	3.22V
17	1.64V	1.60V	49	0.10V	0.10V
18	1.64V	1.66V	50	1.64V	1.66V
19	1.68V	1.66V	51	3.28V	3.22V
20	1.68V	1.66V	52	1.68V	1.64V
21	1.12V	1.10V	53	1.68V	1.66V
22	0.08V	0.10V	54	0.08V	0.10V
23	1.64V	1.66V	55	3.28V	0.10V-3.22V H/L
24	1.72V	1.68V	56	0.80V	0.10V
25	3.28V	3.22V	57	0.08V-3.28V H/L	0.10V-3.22V H/L
26	1.68V	1.66V	58	0.08V-3.28V H/L	0.10V-3.22V H/L
27	1.68V	1.68V	59	0.08V-3.28V H/L	0.10V-3.22V H/L
28	2.60V	2.34V	60	0.08V-3.28V H/L	0.10V-3.22V H/L
29	1.68V	1.64V	61	0.08V-3.28V H/L	0.10V-3.22V H/L
30	2.52V	2.00V	62	0.08V-3.28V H/L	0.10V-3.22V H/L
31	1.64V	1.58V	63	3.28V	3.24V
32	1.68V	1.64V	64	3.28V	3.24V

TO SCHEMATIC TO CONTENTS

IC103					
	CD-DA PLAY	MP3 PLAY		CD-DA PLAY	MP3 PLAY
1	0.11V	0.10V	15	3.56V	3.50V
2	1.68V	1.66V	16	3.24V	3.24V
3	1.64V	1.66V	17	3.36V	3.35V
4	1.68V	1.66V	18	3.44V	3.44V
5	1.68V	1.66V	19	0.11V	0.10V
6	1.68V	1.66V	20	1.68V	1.64V
7	1.52V	1.52V	21	3.32V	3.30V
8	7.00V	7.00V	22	1.68V	1.62V
9	0.11V	0.10V	23	1.68V	1.64V
10	0.11V	0.10V	24	1.68V	1.64V
11	3.80V	3.80V	25	1.68V	1.64V
12	2.96V	3.00V	26	1.68V	1.64V
13	3.28V	3.26V	27	1.68V	1.64V
14	3.56V	3.50V	28	0.11V	0.10V

IC104					
	CD-DA PLAY	MP3 PLAY		CD-DA PLAY	MP3 PLAY
1	0.10V	0.10V	33	0.10V-3.26V H/L	0.12V-3.12V H/L
2	0.10V	0.10V	34	3.24V	3.22V
3	0.10V	0.10V	35	0.10V	0.08V-3.18V H/L
4	0.10V	0.10V	36	0.10V	0.10V
5	0.10V	0.10V	37	0.10V	0.10V
6	0.10V	0.10V	38	0.08V	0.10V
7	0.34V-3.30V H/L	0.36V-3.28V H/L	39	3.30V	3.28V
8	0.10V	0.06V-3.28V H/L	40	3.30V	3.28V
9	0.34V-3.30V H/L	0.28V-3.28V H/L	41	0.10V	0.10V
10	0.08V	0.10V	42	0.10V	0.10V
11	0.24V-3.30V H/L	0.30V-3.30V H/L	43	3.30V	3.30V
12	0.28V-3.30V H/L	0.30V-3.30V H/L	44	0.08V	0.08V
13	0.08V	0.10V	45	0.08V	0.08V
14	3.22V	3.20V	46	0.08V	0.08V
15	3.22V	3.20V	47	0.08V	0.08V
16	0.08V	0.08V	48	0.08V	0.08V
17	-	-	49	3.30V	3.28V
18	3.32V	1.68V	50	0.10V	0.10V
19	1.64V	3.30V	51	0.10V	0.08V
20	0.10V	0.00V	52	3.30V	3.30V
21	1.62V	3.02V	53	0.10V	0.14V
22	3.30V	3.28V	54	3.30V	3.30V
23	3.30V	3.28V	55	3.30V	3.30V
24	0.10V	0.10V	56	0.08V	0.08V
25	0.10V	0.10V	57	3.30V	0.28V-3.30V H/L
26	0.10V	0.10V	58	3.30V	0.28V-3.30V H/L
27	0.00V	0.00V	59	3.30V	3.30V
28	0.34V-3.28V H/L	0.38V-3.22V H/L	60	3.30V	3.30V
29	0.10V-3.26V H/L	0.12V-3.24V H/L	61	0.10V	0.08V
30	0.10V-3.26V H/L	0.12V-3.12V H/L	62	0.10V	0.08V
31	0.10V-3.26V H/L	0.12V-3.12V H/L	63	0.10V	0.08V
32	0.10V-3.26V H/L	0.12V-3.12V H/L	64	3.30V	3.30V

TO SCHEMATIC TO CONTENTS

IC201					
	CD-DA PLAY	MP3 PLAY		CD-DA PLAY	MP3 PLAY
1	3.30V	3.28V	33	0.13V	0.10V
2	3.30V	3.28V	34	0.10V	0.10V
3	0.10V	0.10V	35	3.30V	3.28V
4	0.10V	0.10V	36	0.10V	0.10V
5	3.30V	0.42V-3.28V H/L	37	0.12V	0.10V
6	3.30V	0.40V-3.30V H/L	38	0.12V	0.10V
7	3.30V	3.28V	39	0.10V	0.10V-3.30V H/L
8	3.30V	3.28V	40	0.10V	0.10V
9	0.10V	0.10V	41	0.10V	0.10V
10	0.10V	0.10V	42	2.52V	2.50V
11	0.10V	0.10V	43	0.10V	0.10V
12	0.10V	0.10V-3.30V H/L	44	0.10V	0.10V
13	1.68V	0.00V-3.30V H/L	45	0.10V	0.10V
14	1.64V	0.08V-3.26V H/L	46	0.10V	0.10V
15	0.10V	0.10V	47	0.10V	0.10V
16	0.10V	0.10V	48	0.10V	0.10V
17	0.10V	0.10V	49	0.10V	0.10V
18	2.56V	2.54V	50	0.10V	0.10V
19	0.12V	0.10V	51	0.10V	0.10V
20	0.10V	0.10V	52	2.56V	2.52V
21	0.10V	0.10V	53	0.10V	0.10V
22	1.34V	1.32V	54	2.56V	2.52V
23	1.34V	1.32V	55	0.10V	0.10V
24	2.58V	2.58V	56	0.10V	0.10V
25	2.58V	2.58V	57	1.40V	1.42V
26	1.34V	1.36V	58	1.40V	1.42V
27	1.32V	1.36V	59	2.56V	2.56V
28	0.10V	0.10V	60	1.66V	1.66V
29	0.10V	0.10V	61	2.56V	2.60V
30	1.88V	0.00V-3.30V H/L	62	1.16V	1.20V
31	0.10V	0.10V	63	1.28V	1.20V
32	0.13V	0.10V	64	0.10V	0.10V

IC301			
	CD-DA PLAY	MP3 PLAY	
1	1.54V	1.54V	
2	1.56V	1.56V	
3	0.00V	0.00V	
4	0.00V	0.00V	← PULSE : 2.76V (when disc scratch is detected)
5	3.17V	3.17V	

IC302			
	CD-DA PLAY	MP3 PLAY	
1	0.00V	0.00V	← PULSE : 3.18V (when disc scratch is detected)
2	0.00V	0.00V	← PULSE : 2.95V (when disc scratch is detected)
3	0.00V	0.00V	
4	0.00V	0.00V	← PULSE : 2.76V (when disc scratch is detected)
5	3.17V	3.17V	

TO SCHEMATIC TO CONTENTS

IC303		
	CD-DA PLAY	MP3 PLAY
1	0.00V	0.00V
2	0.00V	0.00V
3	3.17V	3.17V
4	0.00V	0.00V
5	0.00V	0.00V
6	0.00V	0.00V
7	3.17V	3.17V
8	3.17V	3.17V

← PULSE : 3.17V (when disc scratch is detected)

← PULSE : 3.17V (when disc scratch is detected)

IC304		
	CD-DA PLAY	MP3 PLAY
1	1.65V	1.65V
2	1.60V	1.60V
3	1.59V	1.59V
4	0.00V	0.00V
5	1.56V	1.56V
6	1.56V	1.56V
7	1.56V	1.56V
8	3.17V	3.17V

IC801		
	CD-DA PLAY	MP3 PLAY
1	0.10V	0.10V
2	3.30V	3.30V
3	2.56V	2.56V
4	0.00V	0.00V
5	3.30V	3.30V

IC802		
	CD-DA PLAY	MP3 PLAY
1	0.10V	0.10V
2	3.30V	3.30V
3	2.56V	2.56V
4	0.00V	0.00V
5	3.30V	3.30V

TO SCHEMATIC TO CONTENTS

Q101		
	CD-DA PLAY	MP3 PLAY
B	2.54V	2.56V
C	2.24V	2.26V
E	3.20V	3.18V

Q102		
	CD-DA PLAY	MP3 PLAY
B	3.20V	3.22V
C	1.66V	1.66V
E	3.24V	3.22V

Q301		
	CD-DA PLAY	MP3 PLAY
B	0.00V	0.00V
C	0.00V	0.00V
E	3.17V	3.17V

← PULSE : 3.17V (when disc scratch is detected)

Q801		
	CD-DA PLAY	MP3 PLAY
B	0.16V	0.20V
C	3.22V	3.24V
E	3.22V	3.32V

Q802		
	CD-DA PLAY	MP3 PLAY
B	3.30V	3.30V
C	0.16V	0.18V
E	0.16V	0.12V

Q803		
	CD-DA PLAY	MP3 PLAY
1	0.10V	0.10V
2	3.30V	3.28V
3	3.30V	3.28V
4	5.08V	5.06V
5	0.10V	0.10V

[Measuring Conditions]

1.Power Supply Voltage : DC12.2V
2.Measuring Meter : Digital Multimeter / Oscilloscope
3.Measuring Point Reference : Between GND
4.Measuring Condition : (1) It measures in normal temperature with JIG.
(power supply voltage 12V)
(2) Two kinds are measured.
at playing CD-DA (TCD-782) and MP3 (SCD-5100)
(3) It measures in both sides of Analog and Digital.

TO SCHEMATIC TO CONTENTS

Description of IC Terminal

D70F3263YGC : IC501

No.	Symbol	I/O	Terminal Description
1	AVref0	-	AVref power supply input terminal. (connect to VDD)
2	AVSS	-	GND connect terminal for A/D Converter.
3	BBE CTL1(NC)	-	No connect terminal.
4	BBE CTL2(NC)		
5	AVref1	-	AVref power supply input terminal. (connect to VDD)
6	MOTOR FOR	O	Swing Mech FOR control terminal.
7	MOTOR REV	O	Swing Mech REV control terminal.
8	FLMD0	-	FLMD0 input terminal.
9	VDD	-	VDD connect terminal.
10	REGC	-	Capacitor connect terminal. (4.7uF connect)
11	VSS	-	GND connect terminal.
12	MAIN XIN	I	Crystal connect terminal for main system clock OSC.
13	MAIN XOUT	O	
14	$\overline{\text{RESET}}$	I	System Reset input terminal.
15	SUB XIN(GND)	-	GND connect terminal.
16	SUB XOUT(NC)	-	No connect terminal.
17	VDDPULLUP	-	Pull-up connect terminal.
18	BAT DET	I	BATT ON detection signal input terminal.
19	ACC DET	I	ACC ON detection signal input terminal.
20	CD F IN	I	FRAME data input terminal from CD Mech.
21	AiBUS IRQ	I	AI-NET BUS IRQ signal input terminal.
22	E.VOL DATA	I/O	E-VOL Data input / output terminal.
23	E.VOL CLK	O	E-VOL Clock signal output terminal.
24	TUNER CLK	O	TUNER CLK output terminal.
25	AiBUS OUT	O	AI-NET BUS signal output terminal.
26	AiBUS IN	I	AI-NET BUS signal input terminal.
27	AiBUS SCL	O	AI-NET BUS SCLK signal output terminal.
28	AiBUS RS	O	AI-NET BUS R/S signal output terminal.
29	REMOCON	I	Remote control signal input terminal.
30	AiBUS R/W	O	AI-NET BUS R/W signal output terminal.
31	AiBUS IRQ	I	AI-NET BUS IRQ signal input terminal.
32	AiBUS RST	O	AI-NET BUS RESET signal output terminal.
33	EVSS	-	GND connect terminal.
34	EVDD	-	VDD connect terminal.
35	RDSMON TX	O	Command output terminal to RDS monitor.
36	RDSMON RX	I	Status input terminal from RDS monitor.
37	CD RST	O	RESET signal output terminal to CD Mech.
38	CD STBY	O	STBY signal output terminal to CD Mech.
39	TUNER DATA	I/O	TUNER DATA input / output terminal.
40	CD SFSY	I	CD TEXT DATA input terminal.
41	CD F OUT	O	FRAME signal output terminal to CD Mech.
42	CD SBSY	O	CD TEXT DATA output terminal.
43	CD TXD	O	Data output terminal to CD Mech.
44	CD RXD	I	Data input terminal from CD Mech.
45	BUZZER	O	Buzzer signal output terminal.
46	RDS CLK	O	RDS CLK output terminal.
47	RDS DATA	I/O	RDS DATA input / output terminal.

TO SCHEMATIC TO CONTENTS

No.	Symbol	I/O	Terminal Description
48	LCD CE2	O	LCD CE2 output terminal.
49	LCD CE1	O	LCD CE1 output terminal.
50	POWER IC ON	O	Power IC control output terminal.
51	LCD DO2	O	LCD DO2 output terminal.
52	NC	-	No connect terminal.
53	LCD DI1	I	LCD DI DATA input terminal.
54	LCD DO1	O	LCD DO1 output terminal.
55	LCD CLK	O	LCD CLK output terminal.
56	CD QDATAF	I	CD QDATA input terminal.
57	OEM SUB DATA	O	OEM SUB DISPLAY DATA output terminal.
58	OEM SUB CLK	O	OEM SUB DISPLAY CLK output terminal.
59	NOSE POWER	O	NOSE POWER control output terminal.
60	NC	-	No connect terminal.
61	DIMMER	I	DIMMER signal input terminal.
62	BL LED	O	BL-LED control output terminal.
63	O-REM	O	OUT-REM signal output terminal.
64	FM/AM(NC)	-	No connect terminal.
65	A.MUTE	O	A-MUTE output terminal.
66	ININT	I	IN INT input terminal.
67	NC	-	No connect terminal.
68	ARIA1(NC)	-	Destination setting input terminal.
69	BVSS	-	GND connect terminal.
70	BVDD	-	VDD connect terminal.
71	ENCODER2	I	ENCODER input terminal.
72	ENCODER1		
73	VDDPULLUP	O	Pull-up resistor control output terminal.
74	ZERO-DET	I	ZERO DET signal input terminal.
75	LIMIT SW1	I	Swing Mech SW1 input terminal.
76	FLMD1(NC)	-	No connect terminal.
77	LIMIT SW2	I	Swing Mech SW2 input terminal.
78	NC	-	No connect terminal.
79	P-ANT(NC)		
80	FAN CONT	O	FAN CONT output terminal.
81	CONT2	O	Power supply IC control terminal.
82	CONT1		
83	P-CONT	O	POWER CONT control terminal.
84	IFMUTE	O	IF MUTE output terminal.
85	NC	-	No connect terminal.
86			
87	DOOR LED	O	DOOR LED power supply control terminal.
88	MOTOR ON	O	MOTOR power supply control terminal.
89	NC	-	No connect terminal.
90	DAVN	I	DAVN signal input terminal.
91	ST IND	I	ST-IND signal input terminal.
92	SD	I	SD signal input terminal.
93	HI-TEMP	I	CD HI-TEMP signal input terminal.
94	DISC IN	I	CD DISC-IN detection signal input terminal.
95	NC	-	No connect terminal.

TO SCHEMATIC TO CONTENTS

No.	Symbol	I/O	Terminal Description
96	MP	I	Multi-Path input terminal.
97	NC	-	No connect terminal.
98	BBE OFF(NC)		
99	S/M	I	TUNER S/M level input terminal.
100	NOSE DET	I	NOSE installation detect terminal.

TMP91CP27UG : IC104 (DP23S8DA)

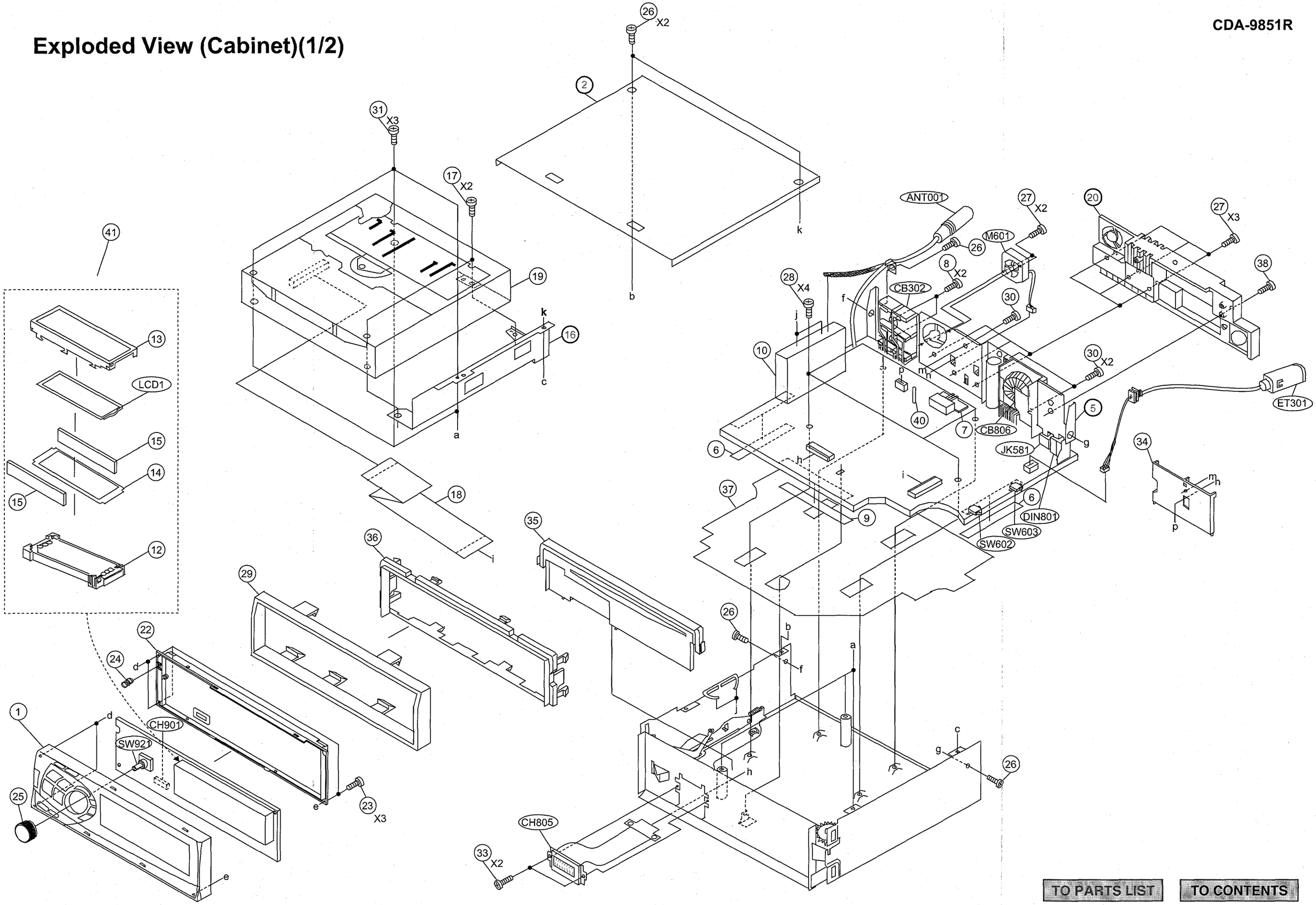
No.	Symbol	I/O	Terminal Description
1	VREFL	-	GND connect terminal for system BATT.
2	NC(PULL-DOWN)	-	Pull-down connect terminal.
3	E2CE(PULL-DOWN)		
4	NC(PULL-DOWN)		
5			
6	QDATAF	O	TEXT DATA confusion sync. signal output terminal for HOST interface.
7	/FIN	I	Frame input terminal from HOST u-COM.
8	REQ	I	REQ signal input terminal for Decoder (TC94A20F) interface.
9	/FOUT	O	Frame output terminal to HOST u-COM.
10	NC(PULL-DOWN)	-	Pull-down connect terminal.
11	TXD(PF_IS)	O	UART output terminal to HOST u-COM.
12	RXD(PF_IS)	I	UART input terminal from HOST u-COM.
13	NC(PULL-DOWN)	-	Pull-down connect terminal.
14	TXD(FLASH)	O	UART output terminal for Flash u-COM rewriting.
15	RXD(FLASH)	I	UART Input terminal for Flash u-COM rewriting.
16	NC(PULL-DOWN)	-	Pull-down connect terminal.
17	AM0(PULL-UP)	-	Pull-up connect terminal.
18	DVCC	-	BATT+3.3V power supply connect terminal.
19	X2	O	Crystal OSC connect terminal.
20	DVSS	-	GND connect terminal for system BATT.
21	X1	I	Crystal OSC connect terminal.
22	AM1(PULL-UP)	-	Pull-up connect terminal.
23	/RESET	I	RESET input terminal.
24	NC	-	No connect terminal.
25			
26	NC(PULL-DOWN)	-	Pull-down connect terminal.
27	NC	-	No connect terminal.
28	BUS0	I/O	DATA input/output terminal for SERVO_LSI (TC94A14FA) interface.
29	BUS1		
30	BUS2		
31	BUS3		
32	/BUCK	O	CLOCK output terminal for SERVO_LSI (TC94A14FA) interface.
33	/CCE	O	Chip enable output terminal for SERVO_LSI (TC94A14FA) interface.
34	/CD_RESET	O	SERVO_LSI (TC94A14FA) RESET output terminal.
35	ZMUTEIN	I	0 detection flag input terminal for SERVO_LSI (TC94A14FA) interface.
36	NC(PULL-DOWN)	-	Pull-down connect terminal.
37	MUTE_0	O	0 MUTE signal output terminal for SERVO_LSI (TC94A14FA) interface.
38	NC(PULL-DOWN)	-	Pull-down connect terminal.

TO SCHEMATIC TO CONTENTS

No.	Symbol	I/O	Terminal Description
39	GVSW	O	RF-AMP (TC2157FN) AGC, TE, FE GAIN switching signal output terminal.
40	/DR_MUTE	O	MOTOR Driver (BA5985FM) MUTE output terminal.
41	MOTOR1	O	Load-MOTOR control signal output terminal. (REV)
42	MOTOR2	O	Load-MOTOR control signal output terminal. (FOR)
43	/LMT_SW	I	LIMIT detection SW signal input terminal.
44 to 48	NC(PULL-DOWN)	-	Pull-down connect terminal.
49	CDVCONT	O	System SERVO 3.3V power supply control output terminal.
50	/BOOT	O	BOOT output terminal for Flash u-COM rewriting.
51	NC	-	No connect terminal.
52	/DEC_RESET	O	Decoder (TC94A20F) RESET output terminal.
53	DEC_STANDBY	O	Decoder (TC94A20F) STANDBY output terminal.
54 to 55	NC	-	No connect terminal.
56	NC(PULL-DOWN)	-	Pull-down connect terminal.
57	SDA	I/O	DATA input/output, EEP-ROM DATA input/output combination terminal for Decoder (TC94A20F) interface.
58	SDL	O	CLOCK output, EEP-ROM CLOCK output combination terminal for Decoder (TC94A20F) interface.
59	/STBY(PULL-UP)	-	Pull-up connect terminal.
60	/SWA	I	Disc insertion detection SW signal input terminal.
61	/SWB	I	8cm Disc Eject/reload detection SW signal input terminal.
62	/SWC	I	12cm Disc Eject/reload detection SW signal input terminal.
63	/SWD	I	Disc chucking completion detection SW signal input terminal.
64	VREFH	-	BATT+3.3V power supply connect terminal.

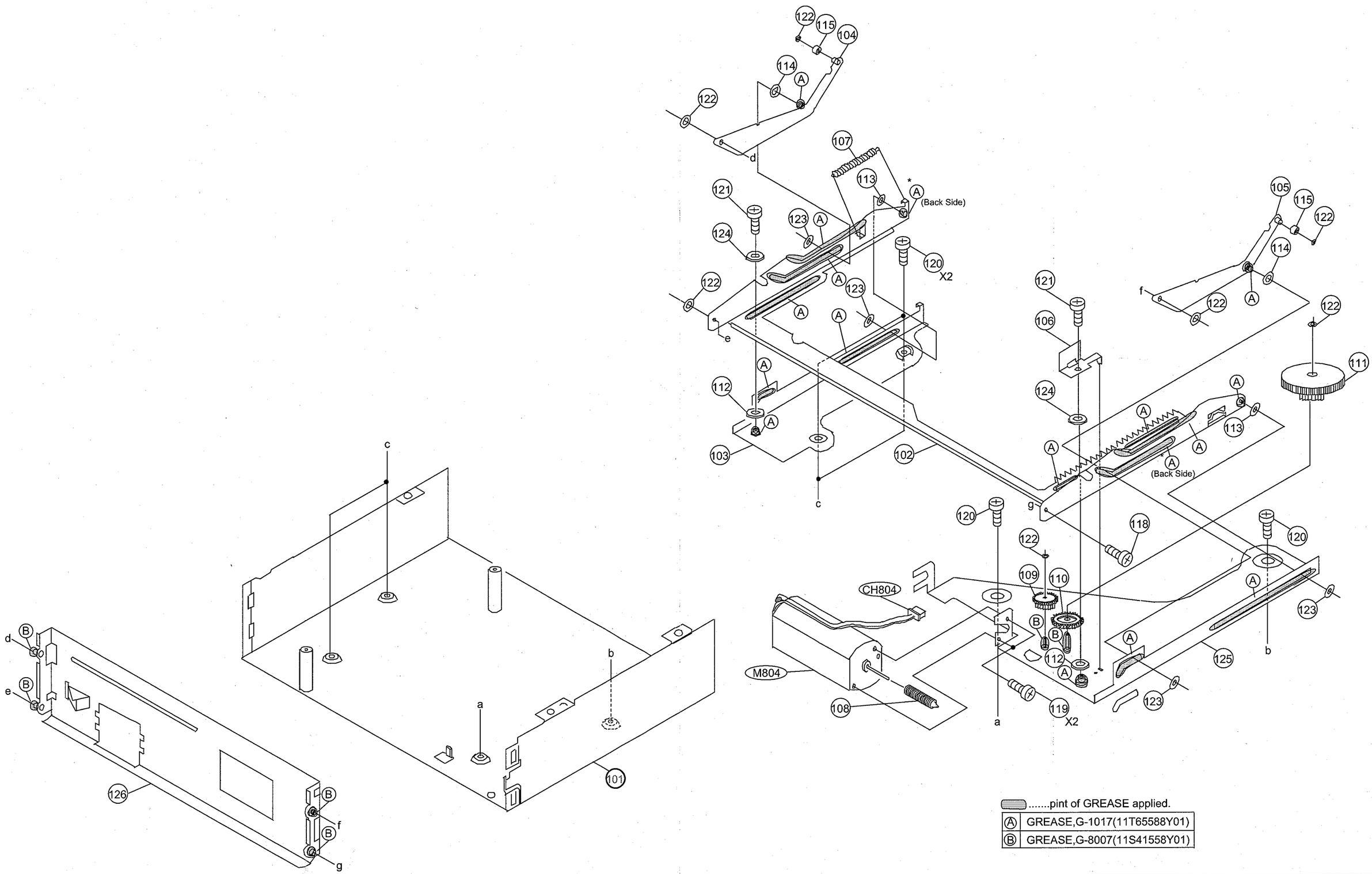
TO SCHEMATIC TO CONTENTS

Exploded View (Cabinet)(1/2)



TO PARTS LIST TO CONTENTS

Exploded View (Cabinet)(2/2)



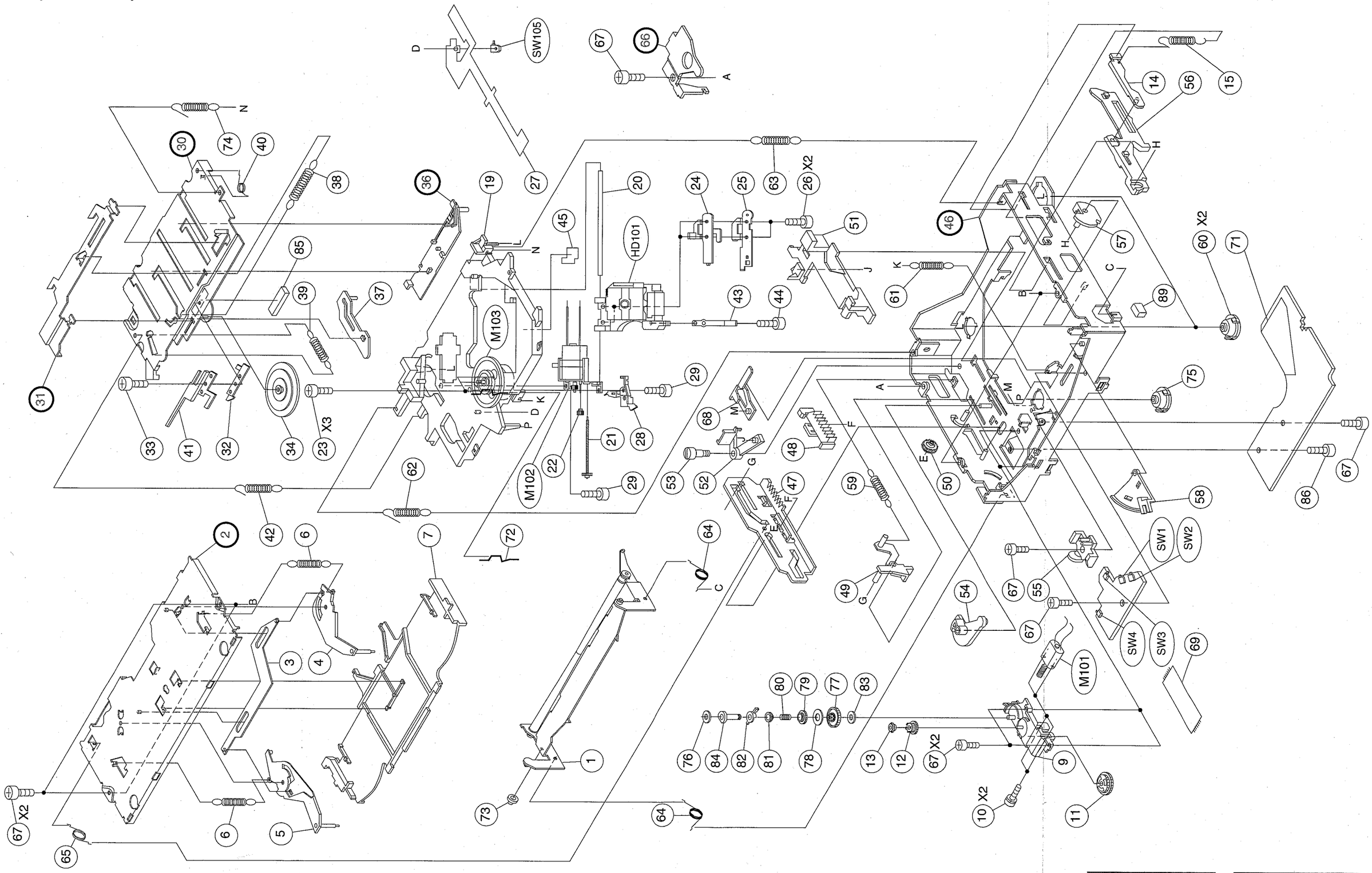
.....pint of GREASE applied.

A	GREASE,G-1017(11T65588Y01)
B	GREASE,G-8007(11S41558Y01)

TO PARTS LIST TO CONTENTS

Exploded View (CD Deck Mechanism)

(DP23S8DA)



TO PARTS LIST TO CONTENTS

Electrical Parts List

* Each parts on P.W.Board are described in order of the reference number.

IC501(*) : As for the parts of part number of (*) mark, a product does not operate for program un-writing in. When you order a microcomputer, please give me order after specifying part number and a product name.

=======MAIN P.W.Board

BZ601	50T15447Y02	BUZZER,PKM13EPY -R5
C001	08S45676W89	CAP,CER 473K-B1E -CP
C002	08S65671Y01	CAP,CER 226KX5R1A-CP
C010	08S45676W89	CAP,CER 473K-B1E -CP
C051	08S45677W54	CAP,CER 561J-CH1H-CP
C052	08S45677W60	CAP,CER 102J-CH1H-CP
C053	08S45677W48	CAP,CER.331J-CH1H-CP
C054	08S45677W58	CAP,CER 821J-CH1H-CP
C055	08S45676W65	CAP,CER.222K-B1H -CP
C057	08S45676W85	CAP,CER 104K-B1C -CP
C058	08S45676W80	CAP,CER 223K-B1E -CP
C059	08S45676W65	CAP,CER.222K-B1H -CP
C061	08S45677W22	CAP,CER.27RJ-CH1H-CP
C062	08S45677W22	CAP,CER.27RJ-CH1H-CP
C101	08S45676W80	CAP,CER 223K-B1E -CP
C106	08S45676W80	CAP,CER 223K-B1E -CP
C107	08S45676W80	CAP,CER 223K-B1E -CP
C237	08S45677W60	CAP,CER 102J-CH1H-CP
C239	08S45677W60	CAP,CER 102J-CH1H-CP
C247	08S45677W60	CAP,CER 102J-CH1H-CP
C248	08S45677W60	CAP,CER 102J-CH1H-CP
C253	08S45676W85	CAP,CER 104K-B1C -CP
C255	08S45676W73	CAP,CER.103K-B1H -CP
C256	08S45676W73	CAP,CER.103K-B1H -CP
C307	08S45677W60	CAP,CER 102J-CH1H-CP
C308	08S65667Y01	CAP,CER 224KX5R1C-CP
C309	08T25628Y03	CAP,TF 224M-1C -CP
C310	08S45676W83	CAP,CER 473K-B1C -CP
C311	08T25628Y03	CAP,TF 224M-1C -CP
C312	08T25628Y03	CAP,TF 224M-1C -CP
C313	08T25628Y03	CAP,TF 224M-1C -CP
C356	08S35374W01	CAP,CER 104K-B1E-CP
C500	08S35374W11	CAP,CER 475K-B0J -CP
C503	08S45677W14	CAP,CER.12RJ-CH1H-CP
C504	08S45677W22	CAP,CER.27RJ-CH1H-CP
C505	08S45676W80	CAP,CER 223K-B1E -CP
C506	08S45677W22	CAP,CER.27RJ-CH1H-CP
C507	08S45676W80	CAP,CER 223K-B1E -CP
C508	08S45676W80	CAP,CER 223K-B1E -CP
C510	08S65128F78	CAP,CER.223K-B1H -CP
C511	08S65128F78	CAP,CER.223K-B1H -CP
C512	08S45676W73	CAP,CER.103K-B1H -CP
C518	08S45677W16	CAP,CER.15RJ-CH1H-CP
C560	08S65128F90	CAP,CER 473K-B1H -CP
C561	08S35374W01	CAP,CER 104K-B1E-CP
C582	08S35374W01	CAP,CER 104K-B1E-CP
C583	08S45676W65	CAP,CER.222K-B1H -CP

C601	08S45676W80	CAP,CER 223K-B1E -CP
C602	08S35350Y04	CAP,CER 105K-B1C -CP
C603	08S45676W80	CAP,CER 223K-B1E -CP
C801	08S45676W85	CAP,CER 104K-B1C -CP
C802	08S45676W85	CAP,CER 104K-B1C -CP
C803	08S45676W85	CAP,CER 104K-B1C -CP
C804	08S45676W85	CAP,CER 104K-B1C -CP
C805	08S65667Y01	CAP,CER 224KX5R1C-CP
C806	08S45676W85	CAP,CER 104K-B1C -CP
C807	08S45676W80	CAP,CER 223K-B1E -CP
C808	08S45676W80	CAP,CER 223K-B1E -CP
C809	08S45676W85	CAP,CER 104K-B1C -CP
C810	08S60102F44	CAP,CER 474K-B1E -CP
C811	08S65128F78	CAP,CER.223K-B1H -CP
C812	08S45539Y04	CAP,CER 103KX7R2J-CP
C813	08S45539Y04	CAP,CER 103KX7R2J-CP
C814	08S45539Y04	CAP,CER 103KX7R2J-CP
C815	08S65667Y01	CAP,CER 224KX5R1C-CP
C816	08S45539Y04	CAP,CER 103KX7R2J-CP
C817	08S45539Y04	CAP,CER 103KX7R2J-CP
C819	08S45676W80	CAP,CER 223K-B1E -CP
C820	08S45676W80	CAP,CER 223K-B1E -CP
C821	08S45539Y04	CAP,CER 103KX7R2J-CP
C823	08S65676Y05	CAP,CER 105KX7R1E-CP
C824	08S65667Y01	CAP,CER 224KX5R1C-CP
C825	08S65667Y01	CAP,CER 224KX5R1C-CP
C827	08S45676W85	CAP,CER 104K-B1C -CP
C835	08S45677W36	CAP,CER.101J-CH1H-CP
C836	08S35350Y04	CAP,CER 105K-B1C -CP
C837	08T55390W34	CAP,TF 274J-1H -R5
CB101	09T25261Y22	FFC,SFW22R-1STE1 -EQ
CB301	09T03498K04	WTB,53253-0410 -DB
CB601	09T03498K02	WTB,53253-0210 -DB
CB804	09T03498K02	WTB,53253-0210 -DB
CB805	09T55175Y15	FFC,IMSA9617S-15Y-ED
D001	48T85357W01	DIO,1PS226 -CP
D103	48T85269W02	DIO,SHT SB040 -H5
D104	48T25593Y01	DIO,S1G-6904 -E1
D301	48T85270W02	DIO,MPG06G -H5
D302	48T85270W02	DIO,MPG06G -H5
D303	48T85270W02	DIO,MPG06G -H5
D304	48T85270W02	DIO,MPG06G -H5
D305	48T85270W02	DIO,MPG06G -H5
D306	48T85270W02	DIO,MPG06G -H5
D307	48T85270W02	DIO,MPG06G -H5
D308	48T85270W02	DIO,MPG06G -H5
D309	48T25665Y01	DIO,1SS355-TE17 -CP
D501	48T68828F01	DIO,1SS133 -A5
D504	48T45701Y01	DIO,MA2S728-TX -CP
D581	48T25651W02	DIO,MA152WK-TX -CP
D601	48T25651W02	DIO,MA152WK-TX -CP
D801	48T25593Y01	DIO,S1G-6904 -E1
D802	48T25593Y01	DIO,S1G-6904 -E1
D805	48T25593Y01	DIO,S1G-6904 -E1
D806	48T44813F03	DIO,MA165 -R5
D807	48T68580F02	DIO,SI DSA3A4-15
D808	48T25593Y01	DIO,S1G-6904 -E1

D811	48T81063F01	DIO,CP.MA159 / TX-CP
D814	48T25593Y01	DIO,S1G-6904 -E1
E001	23S75372W02	CAP,ELY 101-1A -R2
E003	23S45639Y13	CAP,ELY 4R7-1V -R2
E027	23S45639Y10	CAP,ELY 101-1C -R2
E051	23S45639Y23	CAP,ELY 2R2-1H -R2
E052	23S75372W04	CAP,ELY 10R-1C -R2
E101	23S75372W09	CAP,ELY 4R7-1V -R2
E102	23S65134W23	CAP,ELY 101-1A(6)-E6
E103	23T55378W03	CAP,KMG 471-1A -R2
E228	23S65134W31	CAP,ELY 10R-1C(4)-E2
E231	23S65134W31	CAP,ELY 10R-1C(4)-E2
E238	23S65134W41	CAP,ELY 4R7-1E(3)-E2
E239	23S45639Y13	CAP,ELY 4R7-1V -R2
E240	23S65134W41	CAP,ELY 4R7-1E(3)-E2
E241	23S65134W41	CAP,ELY 4R7-1E(3)-E2
E242	23S65134W41	CAP,ELY 4R7-1E(3)-E2
E243	23S65134W41	CAP,ELY 4R7-1E(3)-E2
E244	23S61524F18	CAP,ELY.4R7-1E -R2
E245	23S61524F18	CAP,ELY.4R7-1E -R2
E246	23S61524F18	CAP,ELY.4R7-1E -R2
E247	23S61524F18	CAP,ELY.4R7-1E -R2
E304	23S45639Y13	CAP,ELY 4R7-1V -R2
E305	23S55039Y14	CAP,ELY 2R2-1H -R2
E308	23S55039Y14	CAP,ELY 2R2-1H -R2
E310	23S55039Y14	CAP,ELY 2R2-1H -R2
E311	23S65134W34	CAP,ELY 47R-1C(6)-E6
E314	23S55039Y14	CAP,ELY 2R2-1H -R2
E319	23S55039Y14	CAP,ELY 2R2-1H -R2
E321	23S55039Y14	CAP,ELY 2R2-1H -R2
E322	23S61524F32	CAP,ELY.1R0-1H -R2
E323	23S95415W03	CAP,ELY 10R-1C -R2
E324	23S65134W62	CAP,ELY R22-1H(3)-E2
E325	23S65134W52	CAP,ELY 3R3-1V(3)-E2
E326	23S65134W52	CAP,ELY 3R3-1V(3)-E2
E327	23S65134W52	CAP,ELY 3R3-1V(3)-E2
E328	23S65134W52	CAP,ELY 3R3-1V(3)-E2
E502	23S45639Y03	CAP,ELY 331-0J -R2
E801	23S45639Y06	CAP,ELY 221-1A -R2
E802	23S65134W24	CAP,ELY 221-1A(8)-E6
E803	23S75372W07	CAP,ELY 47R-1C -R2
E804	23S45639Y22	CAP,ELY 1R0-1H -R2
E815	23T75325Y01	CAP,VB 332-1C +
E826	23S65134W26	CAP,ELY 471-1A(8)-EA
F801	65T75477Y13	FUSE,CCP2E 4.0A -CP
IC052	51T15132Y02	SAA6588T -SE9
IC101	51T55517Y02	NJU7223DL1-33TE1-NE5
IC203	51-00867Z01	BD3426K -QT
IC301	51T15420Y01	BA4560F-E2 -SE2
IC302	51T15420Y01	BA4560F-E2 -SE2
IC307	51T55148Y01	TA8273H -ZS
IC350	51T65212Y01	BA8275F-E2 -SE2
IC501(*)	51-01254Z01	MTP,D70F3263YGC -QT
IC503	51T15362Y01	TC74HCT7007AFTP2-SE6
IC505	51T15362Y01	TC74HCT7007AFTP2-SE6
IC506	51T55070W05	MB88385CPF-ER -SE9
IC510	51T75063Y02	BD5224G-TR -CP

IC801	51T65147Y01	HA13165 -ZS
IC802	51T25448Y01	BA6219BFP-Y-E2 -SE9
L001	24T25164Y21	IND,FSLM2520 4R7J-CP
L002	24T35286Y01	IND,MG56 523J -DB
L003	24T16403W29	COI,IND.15R-M -CP
L501	24T65110W16	IND,LK2125 1R0K -CP
LD601	48T65477W05	LED,SML-010DTT87 -CP
LD602	48T65477W05	LED,SML-010DTT87 -CP
Q101	48T45594W16	TR,XN1A311-TX -CP
Q201	48T64222F01	TR ,UN2211 10-10 -TX
Q301	48T25317Y01	TR,XN0F256-TX -CP
Q302	48T25317Y01	TR,XN0F256-TX -CP
Q303	48T25317Y01	TR,XN0F256-TX -CP
Q305	48T64222F01	TR ,UN2211 10-10 -TX
Q306	48T45594W12	TR ,XN1A312 -TX-CP
Q307	48T64222F02	TR ,UN2212 22-22 -TX
Q350	48T65619Y01	FET,HN1K06FU-85L -CP
Q501	48T45594W16	TR,XN1A311-TX -CP
Q504	48T64221F11	TR,UN211L-TX -CP
Q505	48T45594W16	TR,XN1A311-TX -CP
Q506	48T45594W16	TR,XN1A311-TX -CP
Q582	48T64222F01	TR ,UN2211 10-10 -TX
Q601	48T64221F11	TR,UN211L-TX -CP
Q602	48T64222F02	TR ,UN2212 22-22 -TX
Q603	48T64222F01	TR ,UN2211 10-10 -TX
Q605	48T45594W16	TR,XN1A311-TX -CP
Q606	48T64222F01	TR ,UN2211 10-10 -TX
Q803	48T64222F12	TR,UN221L-TX -CP
Q804	48T93828F04	TR,2SD1994A-S-TA -RD
Q805	48T45594W16	TR,XN1A311-TX -CP
Q806	48T45594W16	TR,XN1A311-TX -CP
Q807	48T93828F04	TR,2SD1994A-S-TA -RD
Q809	48T64222F02	TR ,UN2212 22-22 -TX
Q810	48T45594W12	TR ,XN1A312 -TX-CP
Q811	48T92368F04	TR,2SD1760 R -E5
Q813	48T84366F04	TR,2SB1243-QR-TV2-RD
Q814	48T62967F01	TR,DTC143EKA-T146-CP
Q815	48T62967F05	TR,DTC143XKA-T146-CP
Q817	48T73023F01	TR ,2SD874A -E2
Q818	48T45594W16	TR,XN1A311-TX -CP
Q819	48T52437F01	TR ,2SB709A-QR/TX-CP
Q825	48T45594W16	TR,XN1A311-TX -CP
Q829	48T45594W16	TR,XN1A311-TX -CP
Q830	48T45594W16	TR,XN1A311-TX -CP
Q831	48T45594W16	TR,XN1A311-TX -CP
R002	06S55361Y17	RES,RK 10RJ 1/4 -CP
R043	06S55361Y09	RES,RK 4R7J 1/4 -CP
R051	06S55365Y17	RES,RK 10RJ 1/10 -CP
R053	06S55366Y39	RES,RK JUMPER1/10-CP
R055	06S55365Y65	RES,RK 102J 1/10 -CP
R056	06S55365Y83	RES,RK 562J 1/10 -CP
R057	06S55365Y83	RES,RK 562J 1/10 -CP
R059	06S15593Y49	RES,RK 102F 1/10 -CP
R060	06S55366Y39	RES,RK JUMPER1/10-CP
R061	06S55366Y39	RES,RK JUMPER1/10-CP
R063	06S55366Y30	RES,RK 474J 1/10 -CP
R065	06S55365Y81	RES,RK 472J 1/10 -CP

R103	06S55365Y97	RES,RK 223J 1/10 -CP
R108	06S55361Y05	RES,RK 3R3J 1/4 -CP
R113	06S55365Y97	RES,RK 223J 1/10 -CP
R231	06S55366Y02	RES,RK 333J 1/10 -CP
R232	06S55366Y39	RES,RK JUMPER1/10-CP
R233	06S55366Y39	RES,RK JUMPER1/10-CP
R234	06S55366Y39	RES,RK JUMPER1/10-CP
R235	06S55366Y39	RES,RK JUMPER1/10-CP
R236	06S45674W81	RES,RK 103J 1/10 -CP
R301	06S55365Y74	RES,RK 242J 1/10 -CP
R302	06S55365Y74	RES,RK 242J 1/10 -CP
R303	06S55365Y74	RES,RK 242J 1/10 -CP
R304	06S55365Y74	RES,RK 242J 1/10 -CP
R305	06S55363Y49	RES,RK 221J 1/8 -CP
R309	06S55363Y41	RES,RK 101J 1/8 -CP
R313	06S55366Y11	RES,RK 753J 1/10 -CP
R314	06S55366Y11	RES,RK 753J 1/10 -CP
R315	06S55366Y11	RES,RK 753J 1/10 -CP
R316	06S55366Y11	RES,RK 753J 1/10 -CP
R319	06S55366Y11	RES,RK 753J 1/10 -CP
R320	06S55363Y49	RES,RK 221J 1/8 -CP
R321	06S55363Y41	RES,RK 101J 1/8 -CP
R322	06S55366Y11	RES,RK 753J 1/10 -CP
R327	06S55363Y41	RES,RK 101J 1/8 -CP
R328	06S55363Y49	RES,RK 221J 1/8 -CP
R335	06S55363Y41	RES,RK 101J 1/8 -CP
R341	06S55363Y49	RES,RK 221J 1/8 -CP
R344	06S55363Y49	RES,RK 221J 1/8 -CP
R345	06S55363Y41	RES,RK 101J 1/8 -CP
R352	06S55363Y41	RES,RK 101J 1/8 -CP
R353	06S55363Y49	RES,RK 221J 1/8 -CP
R354	06S55365Y89	RES,RK 103J 1/10 -CP
R355	06S55365Y65	RES,RK 102J 1/10 -CP
R357	06S55365Y89	RES,RK 103J 1/10 -CP
R359	06S55361Y57	RES,RK 471J 1/4 -CP
R360	06S55361Y57	RES,RK 471J 1/4 -CP
R361	06S55365Y89	RES,RK 103J 1/10 -CP
R362	06S55361Y41	RES,RK 101J 1/4 -CP
R367	06S55365Y81	RES,RK 472J 1/10 -CP
R368	06S55365Y81	RES,RK 472J 1/10 -CP
R501	06S55365Y65	RES,RK 102J 1/10 -CP
R502	06S55365Y69	RES,RK 152J 1/10 -CP
R503	06S55365Y73	RES,RK 222J 1/10 -CP
R504	06S55361Y31	RES,RK 39RJ 1/4 -CP
R505	06S55361Y31	RES,RK 39RJ 1/4 -CP
R506	06S55365Y73	RES,RK 222J 1/10 -CP
R507	06S55365Y69	RES,RK 152J 1/10 -CP
R508	06S55361Y31	RES,RK 39RJ 1/4 -CP
R509	06S55361Y31	RES,RK 39RJ 1/4 -CP
R518	06S55365Y41	RES,RK 101J 1/10 -CP
R520	06S55366Y39	RES,RK JUMPER1/10-CP
R521	06S55365Y57	RES,RK 471J 1/10 -CP
R522	06S55366Y30	RES,RK 474J 1/10 -CP
R524	06S55361Y17	RES,RK 10RJ 1/4 -CP
R525	06S55365Y97	RES,RK 223J 1/10 -CP
R526	06S55365Y97	RES,RK 223J 1/10 -CP
R528	06S55365Y89	RES,RK 103J 1/10 -CP

R529	06S55365Y65	RES,RK 102J 1/10 -CP
R530	06S55365Y93	RES,RK 153J 1/10 -CP
R531	06S55365Y93	RES,RK 153J 1/10 -CP
R532	06S55366Y39	RES,RK JUMPER1/10-CP
R533	06S55365Y93	RES,RK 153J 1/10 -CP
R534	06S55365Y81	RES,RK 472J 1/10 -CP
R535	06S55365Y81	RES,RK 472J 1/10 -CP
R536	06S55366Y39	RES,RK JUMPER1/10-CP
R538	06S55365Y81	RES,RK 472J 1/10 -CP
R539	06S55365Y71	RES,RK 182J 1/10 -CP
R540	06S55365Y65	RES,RK 102J 1/10 -CP
R542	06S55365Y81	RES,RK 472J 1/10 -CP
R543	06S55365Y81	RES,RK 472J 1/10 -CP
R544	06S55365Y73	RES,RK 222J 1/10 -CP
R545	06S55365Y55	RES,RK 391J 1/10 -CP
R547	06S55365Y65	RES,RK 102J 1/10 -CP
R548	06S55365Y65	RES,RK 102J 1/10 -CP
R549	06S55365Y97	RES,RK 223J 1/10 -CP
R550	06S55365Y89	RES,RK 103J 1/10 -CP
R559	06S55365Y41	RES,RK 101J 1/10 -CP
R560	06S55365Y41	RES,RK 101J 1/10 -CP
R561	06S55365Y41	RES,RK 101J 1/10 -CP
R562	06S55365Y65	RES,RK 102J 1/10 -CP
R564	06S55365Y57	RES,RK 471J 1/10 -CP
R565	06S55365Y41	RES,RK 101J 1/10 -CP
R566	06S55366Y06	RES,RK 473J 1/10 -CP
R567	06S55365Y65	RES,RK 102J 1/10 -CP
R568	06S55365Y65	RES,RK 102J 1/10 -CP
R569	06S15593Y81	RES,RK 223F 1/10 -CP
R570	06S15593Y75	RES,RK 123F 1/10 -CP
R571	06S15593Y74	RES,RK 113F 1/10 -CP
R572	06S15593Y81	RES,RK 223F 1/10 -CP
R573	06S15593Y74	RES,RK 113F 1/10 -CP
R574	06S55365Y41	RES,RK 101J 1/10 -CP
R575	06S55365Y41	RES,RK 101J 1/10 -CP
R576	06S55365Y89	RES,RK 103J 1/10 -CP
R578	06S55365Y41	RES,RK 101J 1/10 -CP
R579	06S55365Y41	RES,RK 101J 1/10 -CP
R580	06S55365Y41	RES,RK 101J 1/10 -CP
R582	06S55365Y97	RES,RK 223J 1/10 -CP
R584	06S55365Y65	RES,RK 102J 1/10 -CP
R587	06S55365Y77	RES,RK 332J 1/10 -CP
R588	06S55362Y39	RES,RK JUMPER 1/4-CP
R593	06S15593Y81	RES,RK 223F 1/10 -CP
R594	06S15593Y63	RES,RK 392F 1/10 -CP
R597	06S55366Y06	RES,RK 473J 1/10 -CP
R599	06S55365Y41	RES,RK 101J 1/10 -CP
R601	06S55365Y89	RES,RK 103J 1/10 -CP
R602	06S55361Y89	RES,RK 103J 1/4 -CP
R603	06S55361Y89	RES,RK 103J 1/4 -CP
R604	06S55366Y01	RES,RK 303J 1/10 -CP
R605	06S55363Y89	RES,RK 103J 1/8 -CP
R606	06S55361Y56	RES,RK 431J 1/4 -CP
R607	06S55365Y95	RES,RK 183J 1/10 -CP
R608	06S55365Y93	RES,RK 153J 1/10 -CP
R611	06S55366Y06	RES,RK 473J 1/10 -CP
R612	06S55366Y06	RES,RK 473J 1/10 -CP

R617	06S55366Y01	RES,RK 303J 1/10 -CP
R618	06S55365Y93	RES,RK 153J 1/10 -CP
R619	06S55365Y97	RES,RK 223J 1/10 -CP
R620	06S55365Y97	RES,RK 223J 1/10 -CP
R621	06S55361Y55	RES,RK 391J 1/4 -CP
R622	06S55365Y97	RES,RK 223J 1/10 -CP
R628	06S55361Y65	RES,RK 102J 1/4 -CP
R651	06S55363Y89	RES,RK 103J 1/8 -CP
R652	06S55363Y89	RES,RK 103J 1/8 -CP
R653	06S55363Y65	RES,RK 102J 1/8 -CP
R654	06S55363Y65	RES,RK 102J 1/8 -CP
R655	06S55363Y75	RES,RK 272J 1/8 -CP
R656	06S55363Y65	RES,RK 102J 1/8 -CP
R657	06S55363Y65	RES,RK 102J 1/8 -CP
R658	06S55363Y65	RES,RK 102J 1/8 -CP
R659	06S55364Y39	RES,RK JUMPER 1/8-CP
R660	06S55363Y65	RES,RK 102J 1/8 -CP
R661	06S55363Y65	RES,RK 102J 1/8 -CP
R662	06S55363Y65	RES,RK 102J 1/8 -CP
R800	06T45541Y01	RES,RS 12RJ 2W +
R801	06S55361Y89	RES,RK 103J 1/4 -CP
R802	06S55365Y83	RES,RK 562J 1/10 -CP
R803	06S55365Y83	RES,RK 562J 1/10 -CP
R804	06S55362Y01	RES,RK 303J 1/4 -CP
R805	06S55366Y14	RES,RK 104J 1/10 -CP
R806	06S55361Y57	RES,RK 471J 1/4 -CP
R807	06S55365Y01	RES,RK 2R2J 1/10 -CP
R810	06S55361Y99	RES,RK 273J 1/4 -CP
R811	06S55361Y51	RES,RK 271J 1/4 -CP
R812	06S35083Y35	RES,RK 682F 1/4 -CP
R813	06S55361Y89	RES,RK 103J 1/4 -CP
R814	06S55365Y01	RES,RK 2R2J 1/10 -CP
R815	06S55365Y01	RES,RK 2R2J 1/10 -CP
R816	06S35083Y31	RES,RK 332F 1/4 -CP
R818	06S55365Y01	RES,RK 2R2J 1/10 -CP
R819	06S55361Y73	RES,RK 222J 1/4 -CP
R820	06S55361Y51	RES,RK 271J 1/4 -CP
R821	06S55361Y29	RES,RK 33RJ 1/4 -CP
R822	06S55361Y29	RES,RK 33RJ 1/4 -CP
R823	06S55361Y29	RES,RK 33RJ 1/4 -CP
R824	06S55361Y29	RES,RK 33RJ 1/4 -CP
R825	06S55361Y29	RES,RK 33RJ 1/4 -CP
R826	06S55361Y29	RES,RK 33RJ 1/4 -CP
R827	06S55361Y55	RES,RK 391J 1/4 -CP
R828	06S55361Y73	RES,RK 222J 1/4 -CP
R829	06S55362Y06	RES,RK 473J 1/4 -CP
R830	06S55365Y01	RES,RK 2R2J 1/10 -CP
R831	06S55366Y14	RES,RK 104J 1/10 -CP
R832	06S45674W65	RES,RK 222J 1/10 -CP
R833	06S45674W81	RES,RK 103J 1/10 -CP
R839	06S55365Y01	RES,RK 2R2J 1/10 -CP
R845	06S55362Y39	RES,RK JUMPER 1/4-CP
RA501	06S45591W07	RES,ARY MNR101J 4-CP
RA502	06S45591W06	RES,ARY MNR102J 4-CP
RA503	06S45591W15	RES,ARY MNR472J 4-CP
SA001	48T81048F02	PTT,DSP-201M -RD
SW301	40T45282W02	SW,SLIDE SLD-42-508X

TH501	48T25250Y01	TMT,ERTJ1VV104J -CP
XL051	91T25806W18	XTL,4.332M -AT51-TP
XL501	91T55360Y07	XTL,AT-51 5.000M -R5
XL502	91T65149Y01	XTL,CMR310T 4.00M-E9
Z501	91T65112W06	EMI,BK2125HM102 -CP
ZD501	48T35392Y06	DIO,ZEN RLZ7.5A -CP
ZD502	48T35392Y06	DIO,ZEN RLZ7.5A -CP
ZD503	48T15541Y10	DIO,ZEN MAZS056 -CP
ZD801	48T25766W09	DIO,ZEN.HZS 6C3L -R5
ZD802	48T25766W27	DIO,ZEN.HZS11A1L -R5
ZD803	48T62934F40	DIO,ZEN.RD10MB2 -CP
ZD804	48T25766W39	DIO,ZEN.HZS12B1L -R5
ZD811	48T62934F09	DIO,ZEN.RD3.6MB2 -CP

=======FRONT P.W.Board

C901	08S35349Y05	CAP,CER 681K-B1H -CP
C902	08S45677W60	CAP,CER 102J-CH1H-CP
C903	08S45676W89	CAP,CER 473K-B1E -CP
C904	08S45676W89	CAP,CER 473K-B1E -CP
C905	08S45676W80	CAP,CER 223K-B1E -CP
C906	08S45676W89	CAP,CER 473K-B1E -CP
C907	08S45676W89	CAP,CER 473K-B1E -CP
C908	08S45676W89	CAP,CER 473K-B1E -CP
C910	08S45676W80	CAP,CER 223K-B1E -CP
C911	08S65128F90	CAP,CER 473K-B1H -CP
C914	08S45676W80	CAP,CER 223K-B1E -CP
C916	08S45676W85	CAP,CER 104K-B1C -CP
C917	08T81833F11	CAP,CER 225K-B1C -CP
C918	08S45676W85	CAP,CER 104K-B1C -CP
C923	08S45676W80	CAP,CER 223K-B1E -CP
C924	08S45676W85	CAP,CER 104K-B1C -CP
D901	48T81063F01	DIO,CP.MA159 / TX-CP
D902	48T94471F04	DIO,IMN10-T108 -CP
D904	48T85357W01	DIO,1PS226 -CP
D905	48T85357W01	DIO,1PS226 -CP
D906	48T85357W01	DIO,1PS226 -CP
D907	48T85357W01	DIO,1PS226 -CP
D908	48T85357W01	DIO,1PS226 -CP
D909	48T85357W01	DIO,1PS226 -CP
IC901	51-02442Z01	PT6578LQ(L) -QT
IC902	51-02441Z01	PT6553LQ(L) -QT
IC903	51T75063Y11	BD5233G-TR -CP
LD901	48-00415Z01	LED,WHT NSCW505CT-E2
LD902	48-00415Z01	LED,WHT NSCW505CT-E2
LD905	48T35306Y05	LED,GRN UG1104B -CP
LD912	48T25534Y01	LED,GRN BG1111C -CP
LD913	48T25534Y01	LED,GRN BG1111C -CP
LD914	48T25534Y01	LED,GRN BG1111C -CP
LD915	48T25534Y01	LED,GRN BG1111C -CP
LD916	48T25534Y01	LED,GRN BG1111C -CP
LD917	48T25534Y01	LED,GRN BG1111C -CP
LD918	48T25534Y01	LED,GRN BG1111C -CP
LD919	48T25534Y01	LED,GRN BG1111C -CP
LD920	48T25534Y01	LED,GRN BG1111C -CP
LD921	48T25534Y01	LED,GRN BG1111C -CP
LD922	48T25534Y01	LED,GRN BG1111C -CP
LD923	48T25534Y01	LED,GRN BG1111C -CP

LD924	48T25534Y01	LED,GRN BG1111C -CP
LD925	48T25534Y01	LED,GRN BG1111C -CP
LD926	48T25534Y01	LED,GRN BG1111C -CP
LD927	48T25534Y01	LED,GRN BG1111C -CP
LD928	48T25534Y01	LED,GRN BG1111C -CP
LD929	48T25534Y01	LED,GRN BG1111C -CP
LD930	48T25534Y01	LED,GRN BG1111C -CP
LD931	48T25534Y02	LED,RED BR1111C -CP
LD937	48-00415Z01	LED,WHT NSCW505CT-E2
LD938	48-00415Z01	LED,WHT NSCW505CT-E2
LD941	48T25534Y03	LED,AMB AA1111C -CP
LD942	48T25534Y03	LED,AMB AA1111C -CP
LD943	48T25534Y03	LED,AMB AA1111C -CP
LD944	48T25534Y03	LED,AMB AA1111C -CP
LD945	48T25534Y03	LED,AMB AA1111C -CP
LD946	48T25534Y03	LED,AMB AA1111C -CP
LD947	48T25534Y03	LED,AMB AA1111C -CP
LD948	48T25534Y03	LED,AMB AA1111C -CP
LD949	48T25534Y03	LED,AMB AA1111C -CP
LD950	48T25534Y03	LED,AMB AA1111C -CP
LD951	48T25534Y03	LED,AMB AA1111C -CP
LD952	48T25534Y03	LED,AMB AA1111C -CP
LD953	48T25534Y03	LED,AMB AA1111C -CP
LD954	48T25534Y03	LED,AMB AA1111C -CP
LD955	48T25534Y03	LED,AMB AA1111C -CP
LD956	48T25534Y03	LED,AMB AA1111C -CP
LD957	48T25534Y03	LED,AMB AA1111C -CP
LD958	48T25534Y03	LED,AMB AA1111C -CP
LD959	48T25534Y03	LED,AMB AA1111C -CP
LD960	48T25534Y03	LED,AMB AA1111C -CP
LD961	48T25534Y03	LED,AMB AA1111C -CP
LD962	48T25534Y03	LED,AMB AA1111C -CP
LD963	48T25534Y03	LED,AMB AA1111C -CP
Q902	48T52438F04	TR ,2SD601A-S /TX-CP
Q904	48T64222F12	TR,UN221L-TX -CP
Q905	48T64222F12	TR,UN221L-TX -CP
Q913	48T45594W16	TR,XN1A311-TX -CP
Q914	48T64222F12	TR,UN221L-TX -CP
Q915	48T63788F04	TR ,CP.2SD1328-T -TX
Q916	48T63788F04	TR ,CP.2SD1328-T -TX
Q917	48T64222F12	TR,UN221L-TX -CP
Q918	48T45594W12	TR ,XN1A312 -TX-CP
R901	06S55366Y05	RES,RK 433J 1/10 -CP
R902	06S45674W73	RES,RK 472J 1/10 -CP
R903	06S45674W73	RES,RK 472J 1/10 -CP
R904	06S45674W73	RES,RK 472J 1/10 -CP
R905	06S45674W81	RES,RK 103J 1/10 -CP
R906	06S45674W97	RES,RK 473J 1/10 -CP
R907	06S45674W73	RES,RK 472J 1/10 -CP
R908	06S45674W73	RES,RK 472J 1/10 -CP
R909	06S45674W73	RES,RK 472J 1/10 -CP
R910	06S45674W73	RES,RK 472J 1/10 -CP
R912	06S55361Y98	RES,RK 243J 1/4 -CP
R913	06S55361Y98	RES,RK 243J 1/4 -CP
R914	06S15593Y49	RES,RK 102F 1/10 -CP
R915	06S55361Y65	RES,RK 102J 1/4 -CP
R916	06S55361Y58	RES,RK 511J 1/4 -CP

R917	06S15593Y49	RES,RK 102F 1/10 -CP
R918	06S15593Y83	RES,RK 273F 1/10 -CP
R919	06S15593Y63	RES,RK 392F 1/10 -CP
R920	06S55361Y45	RES,RK 151J 1/4 -CP
R921	06S55361Y45	RES,RK 151J 1/4 -CP
R922	06S55361Y71	RES,RK 182J 1/4 -CP
R923	06S55361Y71	RES,RK 182J 1/4 -CP
R931	06S55361Y59	RES,RK 561J 1/4 -CP
R932	06S70072F41	RES,CP .331-J-1/4-CP
R933	06S70072F41	RES,CP .331-J-1/4-CP
R934	06S55361Y52	RES,RK 301J 1/4 -CP
R935	06S55361Y52	RES,RK 301J 1/4 -CP
R936	06S55361Y62	RES,RK 751J 1/4 -CP
R938	06S55361Y91	RES,RK 123J 1/4 -CP
R946	06S15593Y49	RES,RK 102F 1/10 -CP
R947	06S15593Y49	RES,RK 102F 1/10 -CP
R949	06S45674W57	RES,RK 102J 1/10 -CP
R950	06S45674W57	RES,RK 102J 1/10 -CP
R951	06S45674W57	RES,RK 102J 1/10 -CP
R952	06S45674W57	RES,RK 102J 1/10 -CP
R953	06S45674W57	RES,RK 102J 1/10 -CP
R954	06S55366Y39	RES,RK JUMPER1/10-CP
R955	06S55365Y73	RES,RK 222J 1/10 -CP
R957	06S55365Y81	RES,RK 472J 1/10 -CP
R958	06S55365Y81	RES,RK 472J 1/10 -CP
R959	06S70072F51	RES,CP .821-J-1/4-CP
R960	06S70072F41	RES,CP .331-J-1/4-CP
R961	06S70072F41	RES,CP .331-J-1/4-CP
R962	06S70072F41	RES,CP .331-J-1/4-CP
R963	06S70072F41	RES,CP .331-J-1/4-CP
R964	06S70072F41	RES,CP .331-J-1/4-CP
R965	06S55361Y59	RES,RK 561J 1/4 -CP
R969	06S55361Y39	RES,RK 82RJ 1/4 -CP
R994	06S55365Y81	RES,RK 472J 1/10 -CP
R995	06S55362Y39	RES,RK JUMPER 1/4-CP
RA901	06S45591W06	RES,ARY MNR102J 4-CP
RA902	06S45591W06	RES,ARY MNR102J 4-CP
SW901	40T65353Y01	SW,TACT SKRPACE010E2
SW902	40T65353Y01	SW,TACT SKRPACE010E2
SW903	40T65353Y01	SW,TACT SKRPACE010E2
SW904	40T65353Y01	SW,TACT SKRPACE010E2
SW905	40T65353Y01	SW,TACT SKRPACE010E2
SW906	40T65353Y01	SW,TACT SKRPACE010E2
SW907	40T65353Y01	SW,TACT SKRPACE010E2
SW908	40T65353Y01	SW,TACT SKRPACE010E2
SW909	40T65353Y01	SW,TACT SKRPACE010E2
SW910	40T65353Y01	SW,TACT SKRPACE010E2
SW911	40T65353Y01	SW,TACT SKRPACE010E2
SW912	40T65353Y01	SW,TACT SKRPACE010E2
SW913	40T65353Y01	SW,TACT SKRPACE010E2
SW914	40T65353Y01	SW,TACT SKRPACE010E2
SW915	40T65353Y01	SW,TACT SKRPACE010E2
SW916	40T65353Y01	SW,TACT SKRPACE010E2
SW917	40T65353Y01	SW,TACT SKRPACE010E2
SW918	40T65353Y01	SW,TACT SKRPACE010E2
SW919	40T65353Y01	SW,TACT SKRPACE010E2
SW920	40T65353Y01	SW,TACT SKRPACE010E2

ZD901	48T62934F19	DIO,ZEN.RD5.1MB2 -CP

=======DP-S MAIN P.W.Board

C101	08S45676W73	CAP,CER.103K-B1H -CP
C102	08S45676W80	CAP,CER 223K-B1E -CP
C103	08S45676W80	CAP,CER 223K-B1E -CP
C104	08S45676W89	CAP,CER 473K-B1E -CP
C105	08S45676W89	CAP,CER 473K-B1E -CP
C106	08S45677W20	CAP,CER.22RJ-CH1H-CP
C108	08S45677W05	CAP,CER.3R0C-CH1H-CP
C109	08S45677W28	CAP,CER 47RJ-CH1H-CP
C110	08S45676W85	CAP,CER 104K-B1C -CP
C111	08S45676W85	CAP,CER 104K-B1C -CP
C112	08S45676W69	CAP,CER.472K-B1H -CP
C113	08S45676W85	CAP,CER 104K-B1C -CP
C114	08S45677W28	CAP,CER 47RJ-CH1H-CP
C115	08S45676W75	CAP,CER.153K-B1H -CP
C116	08S45676W73	CAP,CER.103K-B1H -CP
C117	08S45676W66	CAP,CER.272K-B1H -CP
C118	08S45676W73	CAP,CER.103K-B1H -CP
C119	08S45676W85	CAP,CER 104K-B1C -CP
C120	08S45676W87	CAP,CER 333K-B1E -CP
C121	08S45676W73	CAP,CER.103K-B1H -CP
C122	08S45676W73	CAP,CER.103K-B1H -CP
C123	08S45676W89	CAP,CER 473K-B1E -CP
C124	08S45676W89	CAP,CER 473K-B1E -CP
C125	08S82122F63	CAP,CER 122J-CH1H-CP
C126	08S45676W65	CAP,CER.222K-B1H -CP
C127	08S45676W73	CAP,CER.103K-B1H -CP
C128	08S45676W73	CAP,CER.103K-B1H -CP
C129	08S45676W85	CAP,CER 104K-B1C -CP
C130	08S45676W85	CAP,CER 104K-B1C -CP
C131	08S45676W85	CAP,CER 104K-B1C -CP
C132	08S35350Y05	CAP,CER 105K-B1A -CP
C133	08S45676W85	CAP,CER 104K-B1C -CP
C134	08S45676W85	CAP,CER 104K-B1C -CP
C135	08S45676W85	CAP,CER 104K-B1C -CP
C136	08S45676W73	CAP,CER.103K-B1H -CP
C138	08S45677W42	CAP,CER.181J-CH1H-CP
C139	08S35349Y17	CAP,CER 225K-B0J -CP
C140	08S45676W85	CAP,CER 104K-B1C -CP
C142	08S45676W85	CAP,CER 104K-B1C -CP
C143	08T81833F12	CAP,CER 106K-B1A -CP
C144	08T81833F12	CAP,CER 106K-B1A -CP
C145	08T81833F12	CAP,CER 106K-B1A -CP
C201	08S45676W80	CAP,CER 223K-B1E -CP
C202	08S45677W14	CAP,CER.12RJ-CH1H-CP
C203	08S45677W12	CAP,CER.10RD-CH1H-CP
C204	08S45676W85	CAP,CER 104K-B1C -CP
C205	08S35374W07	CAP,CER 334K-B1C -CP
C206	08S45677W44	CAP,CER.221J-CH1H-CP
C207	08S35350Y05	CAP,CER 105K-B1A -CP
C208	08S45676W85	CAP,CER 104K-B1C -CP
C209	08S35350Y05	CAP,CER 105K-B1A -CP
C210	08S45676W85	CAP,CER 104K-B1C -CP
C212	08S45676W85	CAP,CER 104K-B1C -CP
C213	08S45676W85	CAP,CER 104K-B1C -CP

C214	08S45676W85	CAP,CER 104K-B1C -CP
C215	08S45676W69	CAP,CER.472K-B1H -CP
C216	08S45676W69	CAP,CER.472K-B1H -CP
C217	08S45676W73	CAP,CER.103K-B1H -CP
C218	08S45676W73	CAP,CER.103K-B1H -CP
C219	08S45676W85	CAP,CER 104K-B1C -CP
C220	08S45677W18	CAP,CER.18RJ-CH1H-CP
C221	08T65231Y01	CAP,CER 226K-BJ1A-CP
C301	08S45677W52	CAP,CER 471J-CH1H-CP
C302	08S45676W80	CAP,CER 223K-B1E -CP
C303	08S45676W80	CAP,CER 223K-B1E -CP
C304	08S45677W52	CAP,CER 471J-CH1H-CP
C305	08S45676W73	CAP,CER.103K-B1H -CP
C306	08S45676W80	CAP,CER 223K-B1E -CP
C307	08S45676W85	CAP,CER 104K-B1C -CP
C308	08S45676W85	CAP,CER 104K-B1C -CP
C309	08S45676W87	CAP,CER 333K-B1E -CP
C310	08S35349Y17	CAP,CER 225K-B0J -CP
C311	08S45676W85	CAP,CER 104K-B1C -CP
C801	08S45676W80	CAP,CER 223K-B1E -CP
C802	08S45676W85	CAP,CER 104K-B1C -CP
C803	08S45676W80	CAP,CER 223K-B1E -CP
C804	08S45676W85	CAP,CER 104K-B1C -CP
C805	08S45676W80	CAP,CER 223K-B1E -CP
C806	08S45676W80	CAP,CER 223K-B1E -CP
C807	08S45676W80	CAP,CER 223K-B1E -CP
CB101	09T55174Y15	FFC,IMSA9616S-15Y-ED
CB103	09T55174Y07	FFC,IMSA9616S-07Y-E9
CB104	09T55174Y22	FFC,IMSA9616S-22Y-EQ
CL101	91T65422Y01	OSC,CER CSTCG27M0-CP
D101	48T55105Y01	DIO,SHT RB161M-20-CP
E102	23T45152Y02	CAP,RA 47R-05 -E5
E105	23T45152Y03	CAP,RA 22R-OJ -E5
E106	23T45152Y04	CAP,RA 10R-1C -E5
E107	23T45152Y04	CAP,RA 10R-1C -E5
E108	23T45152Y03	CAP,RA 22R-OJ -E5
E201	23T45152Y02	CAP,RA 47R-05 -E5
E202	23T45152Y02	CAP,RA 47R-05 -E5
E203	23T45152Y02	CAP,RA 47R-05 -E5
E204	23T45152Y03	CAP,RA 22R-OJ -E5
E205	23T45152Y03	CAP,RA 22R-OJ -E5
E206	23T45152Y03	CAP,RA 22R-OJ -E5
E801	23T45152Y02	CAP,RA 47R-05 -E5
E802	23T45152Y05	CAP,RA 4R7-1V -E5
E803	23T45152Y02	CAP,RA 47R-05 -E5
E804	23T45152Y02	CAP,RA 47R-05 -E5
IC101	51T55083Y01	TA2157FN-EL -SE6
IC102	51T55086Y01	TC94A14FA -QT
IC103	51T25503Y01	BA5985FM-E2 -SEA
IC104	51T65105Y04	IC,TMP91CP27UG-A04QT
IC201	51T55534Y02	TC94A20F-008 -QT
IC301	51T45307Y01	TC7S66FU-TE85L -CP
IC302	51T15185Y01	TC7SH08FU-TE85L -CP
IC303	51T25330Y01	TC7WH123FU-TE12L-SE1
IC304	51T55166Y01	NJM2100V-TE2 -SE2
IC801	51T35243Y02	RN5RZ25BA-TR -CP
IC802	51T35243Y02	RN5RZ25BA-TR -CP

L101	91T15509Y08	EMI,BK1608HM102 -CP
L102	91T15509Y08	EMI,BK1608HM102 -CP
L201	24T25164Y21	IND,FSLM2520 4R7J-CP
L202	24T25164Y21	IND,FSLM2520 4R7J-CP
L203	24T25164Y21	IND,FSLM2520 4R7J-CP
L204	24T25164Y33	IND,FSLM2520 47RJ-CP
Q101	48T55462Y01	TR,2SB1132-QR-100-E2
Q102	48T45251W53	TR ,UN5112 22-22 -CP
Q301	48T45251W03	TR ,UN5212 22-22 -CP
Q801	48T25462Y02	TR,UNR212X-00L -CP
Q802	48T45251W03	TR ,UN5212 22-22 -CP
Q803	48T45594W12	TR ,XN1A312 -TX-CP
R101	06S45675W05	RES,RK 913J 1/10 -CP
R102	06S45675W05	RES,RK 913J 1/10 -CP
R103	06S45674W97	RES,RK 473J 1/10 -CP
R104	06S45674W97	RES,RK 473J 1/10 -CP
R105	06S45675W45	RES,RK 1R0J 1/10 -CP
R106	06S45674W95	RES,RK 393J 1/10 -CP
R109	06S45674W85	RES,RK 153J 1/10 -CP
R110	06S45674W73	RES,RK 472J 1/10 -CP
R111	06S45674W73	RES,RK 472J 1/10 -CP
R112	06S45674W71	RES,RK 392J 1/10 -CP
R113	06S45674W33	RES,RK 101J 1/10 -CP
R114	06S45674W95	RES,RK 393J 1/10 -CP
R115	06S45674W33	RES,RK 101J 1/10 -CP
R116	06S45674W57	RES,RK 102J 1/10 -CP
R117	06S45674W33	RES,RK 101J 1/10 -CP
R118	06S45675W34	RES,RK 225J 1/10 -CP
R119	06S45675W22	RES,RK 474J 1/10 -CP
R120	06S45674W97	RES,RK 473J 1/10 -CP
R121	06S45674W75	RES,RK 562J 1/10 -CP
R122	06S45674W85	RES,RK 153J 1/10 -CP
R123	06S45674W81	RES,RK 103J 1/10 -CP
R124	06S45674W57	RES,RK 102J 1/10 -CP
R125	06S45674W69	RES,RK 332J 1/10 -CP
R126	06S45674W69	RES,RK 332J 1/10 -CP
R127	06S45674W57	RES,RK 102J 1/10 -CP
R128	06S45674W57	RES,RK 102J 1/10 -CP
R129	06S45674W57	RES,RK 102J 1/10 -CP
R130	06S45674W57	RES,RK 102J 1/10 -CP
R131	06S45674W33	RES,RK 101J 1/10 -CP
R132	06S45674W33	RES,RK 101J 1/10 -CP
R133	06S45674W91	RES,RK 273J 1/10 -CP
R134	06S45674W81	RES,RK 103J 1/10 -CP
R135	06S45674W81	RES,RK 103J 1/10 -CP
R136	06S45674W81	RES,RK 103J 1/10 -CP
R137	06S45674W81	RES,RK 103J 1/10 -CP
R138	06S45674W81	RES,RK 103J 1/10 -CP
R139	06S45674W77	RES,RK 682J 1/10 -CP
R140	06S45674W89	RES,RK 223J 1/10 -CP
R141	06S45675W05	RES,RK 913J 1/10 -CP
R142	06S45674W95	RES,RK 393J 1/10 -CP
R143	06S45674W42	RES,RK 241J-1/10 -CP
R144	06S45675W08	RES,RK 124J 1/10 -CP
R145	06S45674W33	RES,RK 101J 1/10 -CP
R146	06S45674W33	RES,RK 101J 1/10 -CP
R147	06S45675W06	RES,RK 104J 1/10 -CP

R148	06S45674W97	RES,RK 473J 1/10 -CP
R149	06S45674W97	RES,RK 473J 1/10 -CP
R150	06S45674W33	RES,RK 101J 1/10 -CP
R151	06S45674W53	RES,RK 681J 1/10 -CP
R152	06S45674W33	RES,RK 101J 1/10 -CP
R153	06S45674W41	RES,RK 221J 1/10 -CP
R154	06S45674W33	RES,RK 101J 1/10 -CP
R156	06S45674W97	RES,RK 473J 1/10 -CP
R157	06S45674W33	RES,RK 101J 1/10 -CP
R158	06S45674W33	RES,RK 101J 1/10 -CP
R159	06S45674W33	RES,RK 101J 1/10 -CP
R160	06S45674W65	RES,RK 222J 1/10 -CP
R161	06S45674W65	RES,RK 222J 1/10 -CP
R164	06S45674W97	RES,RK 473J 1/10 -CP
R166	06S45674W33	RES,RK 101J 1/10 -CP
R167	06S45675W30	RES,RK 105J 1/10 -CP
R168	06S45674W33	RES,RK 101J 1/10 -CP
R169	06S45674W97	RES,RK 473J 1/10 -CP
R171	06S45674W97	RES,RK 473J 1/10 -CP
R172	06S45674W97	RES,RK 473J 1/10 -CP
R173	06S45675W06	RES,RK 104J 1/10 -CP
R174	06S45674W97	RES,RK 473J 1/10 -CP
R175	06S45674W97	RES,RK 473J 1/10 -CP
R176	06S45674W97	RES,RK 473J 1/10 -CP
R181	06S45674W41	RES,RK 221J 1/10 -CP
R182	06S45674W41	RES,RK 221J 1/10 -CP
R183	06S45674W41	RES,RK 221J 1/10 -CP
R184	06S45674W33	RES,RK 101J 1/10 -CP
R201	06S45675W30	RES,RK 105J 1/10 -CP
R202	06S45674W25	RES,RK 47RJ 1/10 -CP
R203	06S45674W41	RES,RK 221J 1/10 -CP
R204	06S45674W45	RES,RK 331J 1/10 -CP
R205	06S45674W45	RES,RK 331J 1/10 -CP
R206	06S45674W97	RES,RK 473J 1/10 -CP
R207	06S45674W97	RES,RK 473J 1/10 -CP
R208	06S45674W33	RES,RK 101J 1/10 -CP
R209	06S45674W33	RES,RK 101J 1/10 -CP
R210	06S45675W24	RES,RK 564J 1/10 -CP
R211	06S45675W02	RES,RK 683J 1/10 -CP
R212	06S45674W35	RES,RK 121J 1/10 -CP
R213	06S45674W35	RES,RK 121J 1/10 -CP
R214	06S45674W28	RES,RK 62RJ 1/10 -CP
R215	06S45674W28	RES,RK 62RJ 1/10 -CP
R216	06S45674W37	RES,RK 151J 1/10 -CP
R301	06S45675W18	RES,RK 334J 1/10 -CP
R302	06S45674W97	RES,RK 473J 1/10 -CP
R305	06S45675W43	RES,RK JUMPER1/10-CP
R306	06S45674W97	RES,RK 473J 1/10 -CP
R307	06S45674W81	RES,RK 103J 1/10 -CP
R308	06S45674W81	RES,RK 103J 1/10 -CP
R309	06S45674W97	RES,RK 473J 1/10 -CP
R310	06S45674W69	RES,RK 332J 1/10 -CP
R311	06S45674W57	RES,RK 102J 1/10 -CP
R312	06S45674W97	RES,RK 473J 1/10 -CP
R313	06S45674W89	RES,RK 223J 1/10 -CP
R314	06S45675W14	RES,RK 224J 1/10 -CP
R315	06S45675W43	RES,RK JUMPER1/10-CP

R801	06S45675W22	RES,RK 474J 1/10 -CP
R802	06S45675W18	RES,RK 334J 1/10 -CP
R803	06S45674W97	RES,RK 473J 1/10 -CP
R805	06S45675W06	RES,RK 104J 1/10 -CP
R806	06S45675W06	RES,RK 104J 1/10 -CP
R808	06S45674W49	RES,RK 471J 1/10 -CP
R810	06S45674W49	RES,RK 471J 1/10 -CP
R812	06S45674W97	RES,RK 473J 1/10 -CP
R813	06S45674W97	RES,RK 473J 1/10 -CP
R814	06S45674W97	RES,RK 473J 1/10 -CP
R815	06S45674W97	RES,RK 473J 1/10 -CP
RA102	06S45591W15	RES,ARY MNR472J 4-CP
RA103	06S45591W15	RES,ARY MNR472J 4-CP
RA104	06S45591W02	RES,ARY MNR473J 4-CP
RA105	06S45591W02	RES,ARY MNR473J 4-CP
RA106	06S45591W02	RES,ARY MNR473J 4-CP
RA107	06S45591W02	RES,ARY MNR473J 4-CP
RA108	06S45591W14	RES,ARY MNR471J 4-CP
RA109	06S45591W14	RES,ARY MNR471J 4-CP
RA110	06S45591W02	RES,ARY MNR473J 4-CP
RA111	06S45591W02	RES,ARY MNR473J 4-CP
RA112	06S45591W02	RES,ARY MNR473J 4-CP
RA113	06S45591W02	RES,ARY MNR473J 4-CP
XL201	91T35227Y01	XTL,CS10 16.9344M-E2

======= Miscellaneous

ANT001	01T03151K09	ASSY,ANT CABLE9851R
CB302	09T03083K01	RCA,AV6-901C -DB
CB806	24-02502Z01	ASSY,W277A001 -DB
CH804	01T01885K02	ASSY,WIRE2P9835
CH805	01T02295K03	ASSY,UNIZON CONN 93R
CH901	09T03493K15	BTB,55323-1511 -B
DIN801	09T55071W11	CON,TCP9389-11 -DT
ET301	01T75363Y06	ASSY,OEM SUB 9851R
JK581	09T03156K01	JAC,CK-3.5-14 -DB
LCD1	65T65154Y04	LCD,WTD-22609AAHU-CU
M601	59T55190Y19	MOTOR,F2510CT-12UCV
M804	59T65085W01	MOTOR,LOAD FF-050SK
SW602	40T15494Y15	SW,DETCT SPVG1107-E6
SW603	40T15494Y14	SW,DETCT SPVG2106-E6
SW921	40T55277Y04	ENC,EC11E1544509 -B

=======DP23S8DA

HD101	81B70291Y01	PICKUP,EP21A67T
M101	01V58700Y85	ASSY,MOTOR WORM
M102	01V76400Y18	ASSY,MOTOR SLED 2B0
M103	01V56100Y11	ASSY,MTR SPINDOL 2B0
SW1	40T15494Y07	SW,DETCT SPVG21 -E6
SW105	40T71025F03	SW,DETCT SPPB120
SW2	40T15494Y08	SW,DETCT SPVG11 -E6
SW3	40T15494Y07	SW,DETCT SPVG21 -E6
SW4	40T15494Y07	SW,DETCT SPVG21 -E6

CD Deck Mechanism Assembly Parts List

NOTE : The part that has not PART NUMBER will not be supplied.

1	01V74100Y62	ASSY,ARM GUIDE 8B0
2	- - - - - - - - - - -	CHAS,TOP
3	45B11564Y08	LEVER,LINK TOP
4	45B11595Y02	LEVER DISC(R)
5	45B11596Y02	LEVER,DISC(L)
6	41B11613Y16	SPRING,PULL
7	15D70687Y02	GUIDE,TOP-DPS3
9	07C40522Y02	BKT,MOTOR LOAD
10	03S60821Y02	SCR,WAS 2X4 ZN A
11	44B11578Y02	GEAR,(A)
12	44B11579Y02	GEAR,(B)
13	44B11580Y02	GEAR,(C)
14	45A70140Y02	LEVER,LOCK R
15	41A70201Y01	SPRING,LOCK
19	27D11602Y06	CHASSIS,PICKUP
20	47A11575Y08	SHAFT,PICK
21	01V28100Y59	ASSY,SHAFT.SCREW
22	44A70590W03	GEAR,MIDDLE
23	03S60820Y05	SCR,MCH 1.7X3.5 ZN A
24	07B30337Y02	BKT,SPRING NUT
25	41A11606Y08	SPRING NUT
26	03S94385F18	SCR,NYLOK M2X3.5
27	84T01803K01	PANEL,FPC CONT
28	41B11566Y08	SPRING,SHAFT
29	03S70693Y06	SCR,P-T 2X6 ZB A
30	- - - - - - - - - - -	ASSY,RIV.ARM CLAMP
31	- - - - - - - - - - -	LEVER,LOCK
32	07A70119Y08	BKT,CLAMPER
33	03A60837Y01	SCR,CUS 2X3.5 ZN A
34	43A70141Y02	TABLE,CLAMPER
36	- - - - - - - - - - -	SLIDER DISC
37	45A11599Y02	LEVER,ACTUATOR
38	41B11613Y03	SPRING,PULL
39	41B11613Y05	SPRING,LEV-ACT
40	41A11609Y01	SPRING,LEVER
41	41A70118Y08	SPG,LEVER
42	41B11613Y15	SPRING,PULL
43	41A11040Y08	SPRING,SLED-HOE
44	03S70693Y12	SCR,P-T 1.4X4.5 ZB A
45	43A21240Y01	SHEET,FPC PICK
46	- - - - - - - - - - -	ASSY,RIV.CHAS BASE
47	45B40510Y08	SLIDER,LOAD
48	44B40527Y02	RACK
49	45A11601Y02	LEVER,TRIGER
50	44B11581Y02	GEAR,(D)
51	45B11594Y02	SLIDER,LOCK(L)
52	45A11592Y02	ARM,LOCK(L2)
53	03-02091Z01	SCR,S-T 2X3 ZN A
54	45B11591Y02	ARM,LOCK(L1)
55	07A11585Y02	BKT,MOTOR WIRE
56	45B70139Y02	SLIDER,LOCK R
57	45B70176Y02	ARM,LOCK R

58	45A11597Y02	LEVER,SW
59	41B11613Y04	SPRING,TRIGER
60	75-01243Z01	DAMPER,DPS3
61	41B11613Y06	SPRING,PULL
62	41B11613Y07	SPRING,PULL
63	41B11613Y08	SPRING,PULL
64	41A40518Y01	SPRING,ROL
65	41A31894Y02	SPRING,SLIDER
66	----------	BKT,SP-TOP
67	03A60837Y01	SCR,CUS 2X3.5 ZN A
68	07B20905Y02	BKT,FPC CONT
69	30T15126W15	WIRE,PC JOINT 7P
71	14A60693Y01	INS,CVR
72	41A21613Y02	SPRING,SPINDLE
73	43A31443Y21	ROLLER,ARM DISC (C)
74	41B11613Y14	SPLING,PULL
75	75-01243Z02	DAMPER,DPS3
76	04B41345P52	WASH,1.6X3.5X0.25
77	44B40523Y02	GEAR,BASE
78	04A40528Y01	WASHER,FELT
79	44A40524Y02	GEAR,CLUTCH
80	41A40529Y01	SPRING,CLUTCH
81	44A40525Y02	GEAR,PINION
82	15A40526Y02	HOLDER,CLUTCH
83	04B41345P25	WASH,L. 3.1X6X0.35
84	43A41446Y02	SLEEVE,CLUTCH
86	03S60822Y43	SCR,S-T 2X3 ZN A
89	75A70233Y02	CUSHION,2F0

Cabinet Assembly Parts List

NOTE : The part that has not PART NUMBER will not be supplied.

1	EN-01952Z02	NOSE,PIECE ASSY(L)
2	----------	COVER,TOP
5	----------	BKT,CHAS REAR
6	14S70565Y45	INS,CVR 43X7XT0.1
7	36A04141K02	KNOB,SLIDE
8	03S60825Y04	SCR,B-T 3X8 ZN A
9	14S31545Y84	INS,CVR 66X8XT0.05
10	TU-01373Z01	TUNER,MX-E196(TU001)
12	15-01847Z01	CASE,LCD ASSY
13	15B01794K01	COVER,LCD
14	26A01795K01	REFLECTOR,SHEET
15	75T03213K03	RUBBER,ELECTRIC
16	----------	BKT,MECH
17	03S60822Y12	SCR,S-T 2.6X6 ZN A
18	30T03013K12	SMCD-22X103-BDX6(BL)
19	DP-01886Z01	DP23S8DA
20	----------	HEAT,SINK
22	13-01842Z01	NOSE,BOTTOM(L)
23	03S68555F20	SCR,WAVE M1.7X5
24	41A04158K01	SPRING,KNOB
25	36-01851Z01	KNOB,ROTARY ASSY
26	03S60822Y12	SCR,S-T 2.6X6 ZN A
27	03S60822Y22	SCR,S-T 2.6X14 ZN A
28	03T25225Y01	SCR,GND
29	33C04102K01	FACE,PLATE
30	03S60825Y09	SCR,B-T 3X6 ZN A
31	03S60822Y10	SCR,S-T 2.6X5 ZN A
33	03-00712Z27	SCR,MCH 1.7X3 ZBNA
34	15-01971Z01	COVER,IC
35	13-02129Z01	NOSE,BASE ASSY
36	13-01845Z01	NOSE,BASE COVER
37	14-02192Z01	INSULATOR,MAIN
38	03S60822Y19	SCR,S-T 2.6X10 ZN A
40	09T84840F01	LUG,STYLE 18MM
41	66-02072Z95	ASSY,NOSE UNIT MFAR406A
101	----------	CHAS,RIV BASE
102	07-02022Z01	BKT,RIV SLIDER
103	07-02025Z01	BKT,RIV BASE L
104	07-02023Z02	BKT,RIV ARM L
105	07-02023Z01	BKT,RIV ARM R
106	41-01976Z01	SPRING,WORM
107	41-01972Z01	SPRING,SLIDER
108	44A01840K01	GEAR,WORM
109	44-01975Z01	GEAR,DRIVE
110	44-01974Z01	GEAR,SLIDER
111	44-00953Z01	GEAR,CLUTCH ASSY
112	43-01453Z01	BUSH,SLIDER LOW
113	43-01453Z03	BUSH,SLIDER REAR
114	43-01453Z04	BUSH,SLIDER CENTER
115	43-01973Z01	BUSH,ARM
118	03A20851Y02	SCR,SLIDER
119	03S68259F23	SCR,P-LOCK M2X3

120	03S94385F13	SCR,NYLOK M2.6X3
121	03S60820Y18	SCR,MCH 2X3.5 ZNSA
122	04B41345P54	WASHER,LOCK
123	04B41345P23	WASH,1.7X5X0.35
124	43-01453Z02	BUSH,SLIDER UP
125	07-02024Z01	BKT,RIV BASE R
126	01C01750K03	ASSY,BKT F BASE